

20010417.qrp v02_n162.qrl.20010417

Date: Tue, 17 Apr 2001 19:03:15 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2162

QRP-L Digest 2162

Topics covered in this issue include:

- 1) [96470] Tubular and foam transmission lines.
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 2) [96471] RE: K2 vs. FT817
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 3) [96472] [TT2] coupla questions for ya
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- 4) [96473] Open wire line installations
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 5) [96474] Re: VADER and ARCI Party
by David Heintzleman <pstrdave@kdsi.net>
- 6) [96475] Re: Whister Receiver Design Information
by Chris Trask <ctrask@qwest.net>
- 7) [96476] Re: SMK-1
by "Bob Tellefsen" <n6wg@earthlink.net>
- 8) [96477] Re: [TT2] coupla questions for ya
by Bruce Muscolino <w6toy@erols.com>
- 9) [96478] Re: Tubular and foam transmission lines.
by Jeff <fantbb@yahoo.com>
- 10) [96479] More CD's for sale/trade
by K4NK@aol.com
- 11) [96480] Re: [TT2] coupla questions for ya
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 12) [96481] NorCal Toroid Kit update:
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 13) [96482] Re: QQ
by Mike Zabel <mikezabel@qwest.net>
- 14) [96483] RE: VK on 1 watt ssb
by Monty N5FC <n5fc@io.com>
- 15) [96484] Re: qrp'l work from anyplace.
by Paul Dryer <psdryer@ticnet.com>
- 16) [96485] Re: An Example for URL's
by christian void <cvoid@morphine.com>
- 17) [96486] Re: K2 vs. FT817
by SKIPNC90@aol.com
- 18) [96487] Re: Thank You ArkieCon
by "Mark Hogan" <mhogan@email.msn.com>
- 19) [96488] K6III/mobile 7

- by Tim Pettibone <k5oi@zianet.com>
- 20) [96489] Re: 817 vs. K2
by "Karl F. Larsen" <k5di@zianet.com>
- 21) [96490] National Association of Broadcasters Convention
by NM5Mike@aol.com
- 22) [96491] Field Day Question
by Dragon Singer <WM-Scace@wiu.edu>
- 23) [96492] RE: [96416] PSK-80 Problem
by Bill Phillips <billp2808@home.com>
- 24) [96493] N2CX/N2ABP Win March QST Cover Plaque Award
by Richard Arland <rarland@earthlink.net>
- 25) [96494] FS - LDG AT-11 MP
by Michael Goins <mgoins@usa.net>
- 26) [96495] The Return Of The VE3DNL And Tuna Tin II
by "Jay Bromley" <w5jay@alltel.net>
- 27) [96496] May QST QRP Power Column
by Richard Arland <rarland@earthlink.net>
- 28) [96497] OH3GD on 14.001 @ 0420Z
by david gauding <david.gauding@bbs.galilei.com>
- 29) [96498] ACRI Spring QSO Party: Sun 1, N0RC >0 ;-)
by "Rod Cerkoney" <n0rc@hotmail.com>
- 30) [96499] Re: 817 vs. K2
by "Dave Fifield" <ad6a@earthlink.net>
- 31) [96500] Antenna Feed System Modeling Software
by Beth Gardner / Dan Maguire <BethDan@pacbell.net>
- 32) [96501] KT3A QRV from TF
by Kt3acam@aol.com
- 33) [96502] re: regen rcvr
by neil <wa4chq@qsl.net>
- 34) [96503] Re: Mini-Paddle available now!
by tjmc <tjmc@erols.com>
- 35) [96504] Re: [96416] PSK-80 Problem
by "Richard Clemens" <clemens@wvwc.edu>
- 36) [96505] RE: [96416] PSK-80 Problem
by "John Pate" <lighthousedx@hotmail.com>
- 37) [96506] NETXQRP Club Meeting
by "Chuck Carpenter" <w5usj@globeco.net>
- 38) [96507] K2/817 Debate. and Batteries 4 Portable Operation
by Tim ORourke <TORourke@KaiserFT.com>
- 39) [96508] Dayton Hamvention Rooms
by Hank Kohl K8DD <k8dd@arrl.net> (by way of Hank Kohl K8DD <k8dd@arrl.net>)
- 40) [96509] Re: 817 vs. K2
by Roy <marion@montana.com>
- 41) [96510] Re FT-817 CW Filter Problem
by Joseph Mikuckis <k3chp@erols.com>
- 42) [96511] Re: K2 and PSK31
by John R Kirby <n3aaz-qrp@juno.com>
- 43) [96512] Re: K2 and PSK31

by "Mike Yetsko" <myetsko@insydesw.com>
44) [96513] snail mail
by David Heintzleman <pstrdave@kdsi.net>
45) [96514] Linux software site
by "elawson" <elawson@lawson-philpot.com>
46) [96515] Re: VLF/Natural Radio Receivers
by "Bob Duckworth" <wb4mnf@atl.org>
47) [96516] Re: 817 vs. K2
by Phil Wheeler <w7ox@earthlink.net>
48) [96517] Paddle project (morse code stuff)
by "Bob Duckworth" <wb4mnf@atl.org>
49) [96518] Re: Paddle project (morse code stuff)
by "James Parsons" <res075cz@gte.net>
50) [96519] OT: Troubleshooting question
by Bruce Grubbs <n7ceeqr@earthlink.net>
51) [96520] Re: Troubleshooting question
by "Mike Yetsko" <myetsko@insydesw.com>
52) [96521] Re: Troubleshooting question
by "Mike Yetsko" <myetsko@insydesw.com>
53) [96522] RE: QQ & Ponies
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
54) [96523] Contest: FPqrp "Nooner" update!
by Shepherd@aol.com
55) [96524] Re: 817 vs. K2
by "Ingo DK3RED" <dk3red@t-online.de>
56) [96525] Patcomm
by "Steven Weber" <kd1jv@moose.ncia.net>
57) [96526] Re: Plotting Program
by "laura halliday" <marsgal42@hotmail.com>
58) [96527] RE: 817 vs. K2
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
59) [96528] 20 Meter MFJ Cub-Need help
by chasgschro@att.net
60) [96529] Thank You ArkieCon & Jay's Eating Habit(s)
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
61) [96530] re: regen rcvr
by ed.kwik@delphiauto.com
62) [96531] RE: Troubleshooting question
by "AI2Q Alex" <ai2q@adelphia.net>
63) [96532] Question on anti-static pad setup
by agtaylor@llnl.gov
64) [96533] RE: Patcomm
by "Jim Crooke" <crooke@prodigy.net>
65) [96534] Re: K2 and PSK31
by "George, W5YR" <w5yr@att.net>
66) [96535] Re: 817 vs. K2
by "Ed Juge/NM" <ed@juge.org>
67) [96536] Re: 817 vs. K2

by Walter D Amos <walt_amos@juno.com>

68) [96537] K2 vs 817 vs IC-706
by "Rod Cerconey" <n0rc@hotmail.com>

69) [96538] Re: Question on anti-static pad setup
by Bob Nielsen <nielsen@oz.net>

70) [96539] Re: Question on anti-static pad setup
by "Mike Yetsko" <myetsko@insydesw.com>

71) [96540] Re: regen rcvr
by Bruce Muscolino <w6toy@erols.com>

72) [96541] Re: Question on anti-static pad setup
by Bob Nielsen <nielsen@oz.net>

73) [96542] Re: Oh , oh , DX Re: OH3GD on 14.001 @ 0420Z
by david gauding <david.gauding@bbs.galilei.com>

74) [96543] Re: Amazing Analyzer
by "Phinizy, William" <wphinizy@filenet.com>

75) [96544] PSK31 Computers (article)
by PDouglas12@aol.com

76) [96545] more on my SMK-1
by "Delbert Long" <ad6we@hotmail.com>

77) [96546] Michigan QRP Net
by ed.kwik@delphiauto.com

78) [96547] BNC's, for, RG-174
by "Bill Acito" <w1pa@hotmail.com>

79) [96548] Atlanticon & Arkiecon Diary
by "Tony Fishpool" <g4wif@btinternet.com>

80) [96549]
by "Phinizy, William" <wphinizy@filenet.com>

81) [96550] FS: SWL QRP Rigs for a good cause..
by "Phinizy, William" <wphinizy@filenet.com>

82) [96551] NorCal 20 for sale
by Bob Welch <p326@earthlink.net>

83) [96552] RE: [TT2] coupla questions for ya
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>

84) [96553] Belton TX Swapmeet and occasional QRP get together and BBQ devouring session!
by "Stuart Rohre" <rohre@arlut.utexas.edu>

85) [96554] Re: FS: SWL QRP Rigs for a good cause (Sold Out)
by "Phinizy, William" <wphinizy@filenet.com>

86) [96555] Re: Amazing Analyzer
by DYARNES@aol.com

87) [96556] SSB QRP
by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>

88) [96557] Adjusting the NoGaWatt Meter
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

89) [96558] Re: Amazing Analyzer
by Euramcom <mel@euramcom.freemove.co.uk>

90) [96559] RE: Adjusting the NoGaWatt Meter
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>

Date: Mon, 16 Apr 2001 18:08:33 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Bob Tellefsen" <n6wg@earthlink.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [96470] Tubular and foam transmission lines.
Message-ID: <027e01c0c6ca\$28a1a6f0\$4e100a0a@rohredt2000>

yes, Bob,
the tubular TV lines make more air available between the wires, and the foam types less solid dielectric losses. Both should improve the performance over solid dielectrics. Dry air is the best, but not much has been studied in the amateur literature about operation in the rain. :-) Maybe some of the west coast types with gentle non electrical rain can study this for us.

Thanks Duffy for pointing out the 7 land study of parallel lines was quoting 50MHz losses.

Both coax, and I imagine, ladder lines are going to show increased losses over 40m and 80m and even 20m. etc. Thus, since our Field Day uses have been well below those increased loss 6m figures, I will say, at HF I have not seen parallel lines as lossy as coax. Also, the near fields of the ladder line, would be pretty small distances for the line spacings seen in window line, or current TV twin leads. We have run the ladder lines about two spacing widths from steel frames of tents and dining canopies used as shelters with no RF effects noticed. We tie the ladder lines off with nylon lines, so they will not rest on metal. Also, if there is excess ladder line, we cut to fit, rather than let it coil up or lie on the ground at the Field Day site.

Probably, the person who found the Handbook figures was looking at losses for HF, not 6m, or does anyone know if the ARRL Handbook parallel line loss table also includes a frequency of their measurement?

I have a gift certificate, and will soon have all the Antenna Compendiums, and may be able to look up things anyone might wish to know.
72, Stuart K5KVH

Date: Thu, 3 May 2001 15:15:56 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [96471] RE: K2 vs. FT817
Message-ID: <01c0d41e\$a0597ae0\$330b0d0a@doug.dph.dpol.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Beauty is in the eye of the beholder.

72, Doug, KI6DS

Date: Mon, 16 Apr 2001 19:18:10 -0400 (EDT)
From: Paul Mills <cybrinjn@gis.net>
To: qrp-l@Lehigh.EDU
Subject: [96472] [TT2] coupla questions for ya
Message-ID: <Pine.LNX.4.20.0104161914370.471-100000@daystar.capecod.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm sitting here looking at the schematic for the TT2, and thinking, "Hey, I can use this as the starting point for a lot of projects!" Got enough parts to make a couple of these, and would like to experiment.

- o I have a handful of 2n2219a's. The specs in the back of the ARRL Handbook seem to indicate they are the same as 2n2222a's except for a higher power dissipation rating. OK to use?
- o It seems to me that I should be able to adapt this design to other bands (80-20 at least) with appropriate changes in component values. Has anyone ever done this?
- o In the xtal osc collector circuit there are a 100 pf cap and a 22uH choke. Not taking stray capacitance into account, they would resonate at around 3.4 MHz, so I am thinking that they were not intended to be a tank circuit. What purpose does c2 serve?
- o In old tube xmtrs, they would often use 40 mtr xtals for higher bands, switching in tuned circuits to make the osc put out harmonic freqs. I have a 7030 xtal that would double to 14060. Possible?

TIA
Paul KB1GEJ

<-----c-y-b-r-i-n-j-n-@-g-i-s-.-n-e-t-----<<<<<<<<

Date: Mon, 16 Apr 2001 18:28:41 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <w6toy@erols.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [96473] Open wire line installations
Message-ID: <029b01c0c6cc\$f8872b90\$4e100a0a@rohredt2000>

Yes, Bruce makes a very good point. Installation is part and parcel of using parallel lines.

Yet, salvation in the way of inexpensive standoffs of two types are available. Standard TV standoffs of up to about 7 inches are available still from various sources, some at Radio Shack.

Electric fence supply stores have a bag of 25 all plastic standoffs for less than 5 dollars, including nails, for roof edge mounting. These seem adaptable to ladder line, and certainly to twin lead.

Fred Bonavita sold me a supply of glossy, low loss ceramic spreader insulations with which I intend to make some "Standard ladder line" with which to experiment vs. other types of lines. These insulators still turn up at hamfests and Birnbach who makes them has a web page. They are similar to the former E. F. Johnson types.

Even with the Tee circuit transmatches, I have very good success on Extended double Zepps in being able to match them on fundamental and all higher bands to 10m with signal gains, and low loss. I am using Dentron Super Tuners for two of these, but also used the much smaller coil Dentron Jr. Tuner with no noticeable difference in performance. Both models have a built in balun. Of course, the mismatch up at the antenna is still there, but ladder lines tolerate 10 or 20:1 quite well. NO heating of the Dentron baluns has ever been observed. We shut down in wet weather, as long as moisture is falling, so no data there.

72,
Stuart K5KVH

Date: Mon, 16 Apr 2001 17:27:15 -0500
From: David Heintzleman <pstridave@kdsi.net>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96474] Re: VADER and ARCI Party
Message-ID: <3ADB71C3.1DBA73E3@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I worked him too on 20 mtr cw, got same #, 4059. didn't check the web page for the club to validate -
Dave
K8BBM

Chuck Carpenter wrote:

>
> Folks,
>
> I was checking my log this morning and the call entry VA7DER, BC, #4059
> looked suspicious.
>
> VA7DER is not in the ARCI member list and #4059 belongs to ARCI member VE6BIR.
>
> Anyone else log this call? Maybe I got it wrong...Naaahhh... 8^)...
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
> Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>
> [TPMS] Qs/124, States/40, DX /26, 3W to HF9V, Marsh Key, Codeboy Keyer

Date: Mon, 16 Apr 2001 16:46:39 -0700
From: Chris Trask <ctrask@qwest.net>
To: Mark Langenfeld <mlangen@execpc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Lowerfer <lowerfer@qth.net>
Subject: [96475] Re: Whister Receiver Design Information
Message-ID: <3ADB845F.2680E354@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I really appreciate the information that everyone has forwarded to me regarding Whistler Receivers. There were a large number of responses both on

To: <qrp-1@Lehigh.EDU>
Subject: [96476] Re: SMK-1
Message-ID: <001701c0c6d1\$5d0ef620\$e2f1fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Del

A folded dipole has a feedpoint impedance of around 288 ohms, so is commonly built from 300 ohm twinlead. You can find info in any antenna book, as the folded dipole is a pretty standard beast.
You should expect to feed it with 300 ohm line also, then use the 4:1 balun at the SMK-1 end. You will actually be looking at an impedance around 70-75 ohms, so the SMK-1 may not put out at full tilt. You might want to try a small antenna tuner between the SMK-1 and the balun to match the 50 ohms SMK-1 output impedance to the 70-75 ohms or so from the balun.

73, Bob N6WG

Date: Mon, 16 Apr 2001 19:54:29 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: cybrinjn@gis.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [96477] Re: [TT2] coupla questions for ya
Message-ID: <3ADB8635.ACC2B734@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

The TT2 has been built for bands between 80 and 20 already. Ed Hare at ARRL Headquarters built up three of them for 40, 30, and 20 meters and they were used a couple of years ago in the great TT2 fest. I presume 80 meters is also OK, with judicious component selection.

By judicious I mean careful choice of the untuned circuit elements in the oscillator and also the final low pass filter. I don't think doubling the oscillator would be a very good idea though. That usually works better with a tuned oscillator and the TT2 uses an untuned oscillator.

As for transistors, I don't know anything about the 2N2219 but the 2N2222A is so cheap at almost any place you look I would say you'd be

nuts to substitute, at least until you have the circuit working.

Values for the final low pass filters can be gotten from almost any handbook. Just pick the values carefully, and look at the second harmonic energy because that particular low pass filter does not roll off very quickly and was designed before there were such stringent second harmonic requirements.

73

Date: Mon, 16 Apr 2001 17:53:49 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [96478] Re: Tubular and foam transmission lines.
Message-ID: <20010417005349.15620.qmail@web10008.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Stuart Rohre <rohr@arlut.utexas.edu> wrote:
> Thanks Duffy for pointing out the 7 land study of parallel lines was
> quoting 50MHz losses.
> Both coax, and I imagine, ladder lines are going to show increased
> losses over 40m and 80m and even 20m. etc.

Actually it will be less. Higher frequencies usually equate to higher losses.

73!

Jeff

=====
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Mon, 16 Apr 2001 21:27:34 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [96479] More CD's for sale/trade
Message-ID: <3a.13beb19d.280cf606@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang;

OK I have another lot of ARRL CD's. This is a set of QST's on CD from 1915 thru 1994. A total of 11 packs most still sealed (I have two sets and will keep one) . Now these are \$39.95 each so I got over \$400.00 in them and I want to sell them in one lot or perhaps swap for a QRP rig of equal value. I'll take \$200 or a good trade. I will collect offers untill wed. the 18th and let the winner know. Sorry to do it that way .
Thanks

Les K4NK

Date: Mon, 16 Apr 2001 20:28:34 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [96480] Re: [TT2] coupla questions for ya
Message-ID: <001301c0c6dd\$b95fa8a0\$88713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Paul,

The 2N2219A will work fine as a replacement for the 2N2222A. The main difference is that the 2N2219A uses a larger case style. I use a 2N2219A as a final amplifier for one of my 40m transmitters.

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Thu, 3 May 2001 17:40:05 -0700

From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [96481] NorCal Toroid Kit update:
Message-ID: <01c0d432\$c35d5160\$330b0d0a@doug.dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, just got word today that part of the toroid order I am waiting on shipped on the 9th of April. When they get here, I will sort them, bag them, and then pack the boxes. Then take them up to Jim who will mail them. Looks to me like they should ship the first week of May, which is pretty much on line with what I said at the announcement. There was a 8 week wait on them to make more toroids, and that is what it took, plus time for shipping. Hopefully they will get here this week. Thanks for your patience and understanding. 72, Doug

Date: Mon, 16 Apr 2001 20:04:20 -0600
From: Mike Zabel <mikezabel@qwest.net>
To: w5xe@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [96482] Re: QQ
Message-ID: <3ADBA4A4.CE832E99@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got mine last Friday or Saturday in Tijeras (outside Albuquerque). It did seem to come a week or so later than others were posting here. Hang in there, the ol' ponys move a bit slower out here in the West.
73, Mike Zabel KC5U0J

William R Colbert wrote:

>
> Anyone else in the desert southwest of Far West Texas
> or southern New Mexico received a pony express
> delivery of the Quarterly yet? No major storms,
> no train wrecks or plane crashes so just wondering.
> Maybe tomorrow.
>
> "The more I see of the representatives of the people,
> the more I admire my dogs." letter from Count d'Orsay
> Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2
> FP# 111, SOC#78, QRP-ARCI 5784, El Paso, (FAR WEST)TEXAS

> -----
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> <http://dl.www.juno.com/get/tagj>.

Date: Mon, 16 Apr 2001 21:09:39 -0500
From: Monty N5FC <n5fc@io.com>
To: mgoins@usa.net, qrp-l@Lehigh.edu
Subject: [96483] RE: VK on 1 watt ssb
Message-ID: <4.3.2.7.1.20010416210612.00ae6390@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

On 15 Apr 2001 19:05:17 EST , QRP-L, you wrote:
>Just worked VK3CZ at 28.425.1 with 1 watt on ssb with the crummy band
>conditions. Used the new (used) scout 556. Still don't have really good a=
>udio punch, but happy dancing here!

Wow, Mike, very impressive. Nice dance, too!

72,
monty N5FC

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Mon, 16 Apr 2001 21:19:37 -0500
From: Paul Dryer <psdryer@ticnet.com>
To: Drbob92031@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96484] Re: qrp'l work from anyplace.
Message-ID: <3ADBA839.732AF779@ticnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Great point, Bob!

I'm convinced qrp'l work from just about anywhere on the planet!

Last week I went to Kentucky for a funeral (I live in Texas) and for grins I set up my 1 watt MFJ Cub 20 in the motel room. Radio, 8 AA cell battery pack, and dinky L-net tuner sat on the night stand. Ran 33 ft of 24 ga. wire from the rig, along the curtains, then clear across the room to the bathroom mirror.

Another 1/4 wave of counterpoise ran somewhere on the floor. I designed a really tiny paddle from 3 little strips of double sided circuit board which clips on the phone book or any other handy book in the room....this was beside me in the bed. While watching the cable

TV, I was able to also engage in 9 solid rag chews in two nights. Amazing this works at all. This is my camping/hiking/ motel room setup. My kit includes: 3 or 4 tiny suction cups and rubber bands....good for sticking antenna wire to mirrors or any smooth surface.

3 or 4 tiny spring clamps...good for attaching my key to a book or attaching antenna

wire to curtains, tree branches, or what ever.

LED bridge potted in a 3/4 inch lucite cube...this goes back in the bag once tuned.

A few feet of mono-filament fishing line...for no telling what.

A few safety pins...make great hooks for hanging antenna wire from moldings or any crack in the sheetrock you can force them into.

Radio, tuner, and extra batteries. This all fits in a soft padded case about 1/2 the size of a lunch box...with room to spare.

Try indoor antennas if you haven't. A hoot!

Paul KD5IVP, DeSoto, Texas

Drbob92031@aol.com wrote:

> Hi to all;

> Was visiting the daughter in Aurora IL. and it was RAINING. So I set up a 20

> M inverted "V" in the family room, which happened to have a 20' ceiling. Sat

> at the kitchen table and worked stations all afternoon on 500 mills.

> Son-in-law comes home from work and when he saw the setup he knew that his

> wife's dad had gone over the edge. After a few Bourbons he saw the light of

> day.

> 72/73 de Bob WA2EAW.

Date: Mon, 16 Apr 2001 21:57:51 -0500 (CDT)

From: christian void <cvoid@morphine.com>

To: Bill Coleman <aa4lr@arrl.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [96485] Re: An Example for URL's

Message-ID: <Pine.LNX.4.20.0104162153530.7582-1000000@donut.morphine.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Apr 2001, Bill Coleman wrote:

> <<http://www.arrl.org>>

<http://www.arrl.org/> is fairly standard. just remember that leaving off the trailing slash is actually an invalid url that most web servers compensate for by performing a transparent redirect to the corrected url. of course, the marketing types who stick ads on buses haven't picked up on that yet. the only real problem with leaving it off is dealing with nit pickers like me. ;)

--

christian void <cvoid@morphine.com>
<http://www.morphine.com/void/>
gpg key available upon request

libertad a todos los presos politicos!
democracia! libertad! justicia!

Date: Mon, 16 Apr 2001 22:56:44 EDT
From: SKIPNC90@aol.com
To: ki6ds@dph.dpol.net, qrp-1@lehigh.edu
Subject: [96486] Re: K2 vs. FT817
Message-ID: <e.b7d9496.280d0aec@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/16/01 18:15:37 Central Daylight Time, ki6ds@dph.dpol.net writes:

<< Beauty is in the eye of the beholder.

72, Doug, KI6DS

>>

Will I am beholding the K2 in one hand and the FT-817 in the other and they both look good from where I sit. I also have a picture of the K2 and FT-817 stacked, They are both a great combination for different reasons.

73, Skip Davis NC90
FT K2 #0065, & FT-817

Date: Mon, 16 Apr 2001 22:08:30 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96487] Re: Thank You ArkieCon
Message-ID: <020d01c0c6eb\$b3ead620\$cb851a3f@compaq>

Kudos to the ArkieCon gang.
Thanks to Jay et all for a great day. I have more fun here then any other
single day event I attend all year!
Never mind winning the COOL AWARD!

Anyway if you missed it you MISSED IT!

Thanks Jay.

Hogan / 50BC

Date: Mon, 16 Apr 2001 21:04:51 -0600
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-1@lehigh.edu
Subject: [96488] K6III/mobile 7
Message-ID: <5.0.2.1.0.20010416210249.009e8440@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Just (0300z) worked Jerry on about 14.059 from Elko, NV. He's on big trip
and will be traveling the west for the next 3 weeks. Think he's about
ready to go QRT tonight but look for him as he drags his K2 around.

Tim K5OI
Las Cruces, NM

Date: Mon, 16 Apr 2001 21:23:14 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Michael T. Haynie, KC0EXP" <kc0exp@caddistech.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [96489] Re: 817 vs. K2
Message-ID: <Pine.LNX.4.31.0104162115200.858-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not a can of worms Michael, a bit of plain fact. I looked at a k2 and bought a Kenwood TS-50 and had \$200 in change, plus the high power when needed, plus general coverage which is important to me as I camp with this rig.

The K2 is a kit and many of my friends had fun putting them together. But then the fun ends when you buy the ssb kit and need to build that and install it. Soon you into big money for a small rig.

The K2 sales hype is abundant on this QRP-L list and way overdone in my opinion. I'm more than tired of hearing about the K2

On Mon, 16 Apr 2001, Michael T. Haynie, KC0EXP wrote:

> Forgive me for potentially opening up a big can of worms here, but I see
> lots of postings regarding the 817 and K2, but never a comparison of the
> two. Is it perhaps because I'm trying to compare apples and oranges here? I
> haven't been at this QRP thing too long, so don't hold it against me :-).
>
> My biggest wonder is the cost. For the money, the 817 seems to be the most
> cost effective of the two considering the AM, SSB, FM, UHF, VHF, etc that it
> can handle. However, the K2 does have SSB as an option. To me the K2 seems a
> bit expensive, considering you have to assemble it (which most see as a
> value) but I'm looking at it from a cost only perspective. Don't get me
> wrong, I like homebrew, but the K2 seems a bit overpriced. Am I really

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 16 Apr 2001 23:20:46 EDT
From: NM5Mike@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [96490] National Association of Broadcasters Convention
Message-ID: <69.14167cbf.280d108e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Any QRP op's planning on attending the NAB convention in Las Vegas next week

Might be fun to have a QRP gathering during the show. Please reply off list to nm5mike@aol.com

Regards,

Eric NM5M

Date: Tue, 17 Apr 2001 03:23:32 +0000
From: Dragon Singer <WM-Scace@wiu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96491] Field Day Question
Message-ID: <01041703230605.01545@harper.weyr.dragonlan.org>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

=09=09Hi Gang,
=09Do any of you know of a simple cheap logging program that will run nat=
ively=20
under Linux?

--=20

=09Very Sincerely and Respectfully Yours

Wayne M. Scace
&
Leader Dog Sequoia

k9di@arrl.net
Callsign K9DI
LICQ# 315313
FISTS# 4409
QRP-L# 2313
FPQRP-L# 217

Date: Mon, 16 Apr 2001 20:28:10 -0700
From: Bill Phillips <billp2808@home.com>
To: qrp-l@Lehigh.EDU
Subject: [96492] RE: [96416] PSK-80 Problem
Message-ID: <3ADBB84A.B2DC9FCD@home.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rich,

I have almost exactly the same problem: If I run up the drive to my Warbler much beyond 2 watts, it gets stuck in transmit mode. The only way to stop it is to pull the plug and start again. I noticed that my SWR goes way up in the stuck mode, so I'm pretty sure it is oscillating well out of "Warbler Alley".

I was hoping that this problem would come up at the PSK 31 forum in Dayton.

72

Bill Phillips
AD6JV

Bill Phillips wrote:

>
> Date: Sun, 15 Apr 2001 23:04:53 -0400
> From: "Richard Clemens" <clemens@wvwc.edu>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [96416] PSK-80 Problem
> Message-ID: <004e01c0c622\$082c90e0\$13750cd8@wvwc.edu>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> If I try to drive my PSK-80 beyond 2 watts it seems to get itself stuck
> in
> transmit mode sending a 10 or 15 watt (so my meter says) signal. Works
> dandy if I watch the drive carefully. Is this a known problem?
> --
> Rich Clemens
> clemens@wvwc.edu

Date: Mon, 16 Apr 2001 23:50:15 -0400
From: Richard Arland <rarland@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [96493] N2CX/N2ABP Win March QST Cover Plaque Award

Message-ID: <3ADBBBD77.D64CA394@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

My congratulations to both Joe Everhart, N2CX, and George Heron, N2APB for winning the March QST Cover Plaque Award for best article in that issue. Well done, guys.

73 Rich K7SZ

Date: 16 Apr 2001 22:53:26 EST

From: Michael Goins <mgoins@usa.net>

To: qrp-l@lehigh.edu

Subject: [96494] FS - LDG AT-11 MP

Message-ID: <20010417035326.6270.qmail@aw164.netaddress.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

Have an LDG AT-11 MP tuner sitting on a shelf that I'm not using. They se=

ll
for \$229 new and I have two of the Z-11 in the station and really don't n=

eed
this one. Bought to use remote (mobile) and have the remote kit (AT-11 MP=

\$40)for it too. Decided not to. =

This is the newest model black one. Will work with just a few watts. Used=

here
at 1 watt (3-4 to tune) in the station. See at www.ldgelectronics.com. =

\$175 CONUS (with the remote). =

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Mon, 16 Apr 2001 22:57:21 -0500

From: "Jay Bromley" <w5jay@alltel.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [96495] The Return Of The VE3DNL And Tuna Tin II

Message-ID: <003801c0c6f2\$82463b80\$6518150a@alltel.net>

Gang hi,

Just a quick note to announce the return of the VE3DNL Marker/Generator kit in about 6 weeks. The VE3DNL will feature a new board that will be NorCal quality. It will still sell for the same price \$12 including shipping/handling.

We also are please to announce that we are taking over production of the Tuna Tin II kit that was originally designed by Doug DeMaw and updated to modern parts by Dave Meacham, W6EMD. Redoing this rig was NorCal's tribute to Doug DeMaw and is still on the NorCal web-page. This kit was previously produced by the New Jersey QRP Club and recently discontinued. With the encouragement of George Heron and Doug Hendricks the Fort Smith QRP Group will be picking up kitting of the Tuna Tin II. Look for an announcement here on QRP-L and on the NorCal web-page when we are ready to accept orders, which will be real soon. In talking to George and Doug at ArkieCon we all agreed that this classic should be keep in production.

73 de jay..

Date: Mon, 16 Apr 2001 23:55:37 -0400
From: Richard Arland <rarland@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [96496] May QST QRP Power Column
Message-ID: <3ADBBEB9.3DCAB976@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some of you may have noticed that the folks at QST actually gave me more than one page this month. To top it all off, it was a technical article!

Hey, if you guys want more than one page of QRP Power, drop an e-mail to Joel Kleinman, N1BKE, who is the NEW Managing Editor and Steve Ford, WB8IMY, the NEW Editor of QST and express your desire to see additional column space for QRP in QST. Believe me, correspondence from the field really does have an impact at HQ. E-mail addresses are: jkleinman@arrl.org and sford@arrl.org.

73 Rich K7SZ

Date: Mon, 16 Apr 2001 23:20:21 -0500
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [96497] OH3GD on 14.001 @ 0420Z
Message-ID: <5.0.2.1.0.20010416231749.0289b110@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

OH3GD on 14.001 @ 0420Z

Kari a good 579 into the Midwest.

Used Argo 515 and 2W to St. Louis Quickie vertical.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Mon, 16 Apr 2001 22:43:06 -0600
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96498] ACRI Spring QSO Party: Sun 1, N0RC >0 ;-)
Message-ID: <0E516AmX3qrB0Xn2Pi1000053e0@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK band CONDX stunk. So what, it was a party, not a high pressure contest.

I made the best of it my finishing up construction on my Sierra kit and making a few QSOs with it on 40m.

On SUN I went for a hike in the mountains, first one of the season
AHHHHHHHHHH! I resisted the urge to help wash the car later on and made a few more QSOs while cooking steaks on the grill. ;-)

Bottom line: 30 or 40 Qs in abt 3 hrs op time; one neatly assembled Sierra and several enjoyable hours in the mountains. Lots of fun had. Ate Steak for dinner. How good is all that?!? ;-)

Now it's time to prepare for QRPTTF.

73, Rod N0RC

Ft Collins CO "The glass is half full!"

Date: Mon, 16 Apr 2001 22:17:16 -0700
From: "Dave Fifield" <ad6a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96499] Re: 817 vs. K2
Message-ID: <005b01c0c6fd\$abcbf77e0\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have both a K2 and an FT-817 and I think
that they both have serious faults in their design,
both technically and ergonomically.

I'm still waiting for the perfect rig....
hey, maybe I'll just have to design it myself?

#8-]

Cheers es 72,
Dave Fifield, AD6A

Date: Mon, 16 Apr 2001 23:33:28 -0700
From: Beth Gardner / Dan Maguire <BethDan@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [96500] Antenna Feed System Modeling Software
Message-ID: <3ADBE3B8.FB7@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

The modeling software described in the April QRP Quarterly is now
available for download from the web, courtesy WB6TPU. Link to
<http://www.qsl.net/wb6tpu/swindex.html>
and then scroll down to the bottom of the page for the XLZIZL.zip
package.

XLZIZL has built-in specifications for over 40 types of transmission
lines. This includes the Wes Stewart, N7WS, "as measured" data for four
types of Wireman ladder line, both dry and wet, which has been the

subject of several recent posts. Also included are the specs for "generic" 300 ohm, 450 ohm, and 600 ohm parallel line from the latest edition of the ARRL Antenna Book, as well as a few dozen different types of coax. You can use the "Transmission Line Details" sub-window of XLZIZL to see what the matched line loss (no SWR) will be for any of these lines at any frequency and at any length. If you can measure, model, or estimate the feedpoint impedance of your antenna you can also see what the additional loss will be due to SWR. Other functions of XLZIZL allow you to see what the tuner losses would be.

For those folks who haven't received the April QQ yet (I don't have mine either), here's a brief description of the package.

XLZIZL is an Excel application that analyzes transmission lines and other components of an antenna feed system. Calculations include impedance transforms, SWR/reflection coefficient, loss, voltage and current standing waves, stress on tuner components, network attenuation (S21), and return loss (S11). Analysis results are available in worksheet format and in five different chart formats, including Smith charts.

The program can read the feedpoint impedance data files produced by EZNEC, NEC-Win Plus, and public domain NEC2D programs; it can also use measurement data or arbitrary theoretical data. Results are shown at the antenna feedpoint (or other load) and at each of up to five user-defined network elements. The network may consist of transmission lines, open or shorted stubs, baluns, capacitors, inductors, and resistors. To aid in modeling matching networks the program can create T, Pi, and L solutions using any load and input specifications.

Documentation includes a 28 page guide in the form of narrative questions and answers and a copy of the journal article "Picturing the -Rest- of Your Antenna System" (QRP Quarterly, April 2001). For users wishing to "look under the covers," the worksheets and associated Visual Basic for Applications (VBA) modules are not protected or locked in any way.

Requires Excel 97 or later. Be sure to check the README to see if an update is required for your version of Excel (free download from the Microsoft website).

73,
Dan AC6LA
Morgan Hill, CA

Date: Tue, 17 Apr 2001 05:28:08 EDT

From: Kt3acam@aol.com
To: <aa4xx@ipass.net>, <al7fs@pobox.alaska.net>
Cc: <qrp-1@lehigh.edu>
Subject: [96501] KT3A QRV from TF
Message-ID: <ff.4f083b5.280d66ab@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I tried the Spring ARCI party from here and the conditions were the pits. Add to poor CNDX, the fact that the switching power supply I was using (RS 3A job) raises the noise floor to the point, I could not copy any signals. It was not until I tried a battery setup that I realized the difference! The building I am in does not help either. Stucco over a wire mess makes for the perfect faraday shield. I will have to go to operate in the field as there is nothing to tie an antenna to that won't clothesline someone. Trees are rare!
I am hearing mostly stations from Europe. During the contest, I only heard N4JM from VA and N4BP from FL.
Could not work either of them. So, when the weather clears and the magnetic storms subside, I will make an outdoor effort.

Cam, TF/KT3A

Date: Tue, 17 Apr 2001 07:01:59 -0400
From: neil <wa4chq@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [96502] re: regen rcvr
Message-ID: <3ADC22A6.281AC137@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all-

In the early 70's, I found an article in one of the back issues of either PE or EI-don't remember which. My father was a ham (and still is) and he had a whole bunch of mags in the attic...and one day while looking through them I found an article about a 1 tube regen rcvr. It used a 12AT7. The issue was most likely from the 60's but still not sure....anyway that was my first project...that worked! I found a lot of the parts in my dads junkbox and the rest I purchased. Wound the coils on the bases of old tubes. It worked great. I still have it and it sort of works, sort of... just needs a little tlc...I know the info I have given is kinda vague but wonder if anyone remembers the article/rcvr and maybe make a cpy of it for me....
Another project during that time that I made but never got it to work was a 1 tube 40/80 xmtr. This also was featured in on of the mags---EI

or PE....But it was on the cover. This one may have been from the early 70's. The rig was built on a piece of pine board and use nails for the soldering posts. The coils were wound on pill vials. It was very simple and ran off of 110ac. I built it but never workd anyone....didn't really know how to trouble shoot. I ended up taking it apart and put it in a metal box, and when I plugged it in, almost shocked the #\$@!& out of me....now it really didn't work...my early attempt at qrp...this was when I was 15 or so....does anyone remember this article and maybe get a copy of it too....
Thanks etc.....and Chuck if you need VA, I may be able to help you out.
72- de wa4chq Neil Gwynns Island, Va. (mathews co.)

Date: Tue, 17 Apr 2001 07:18:22 -0400
From: tjmc <tjmc@erols.com>
To: HANNES@ulmnetz.de
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [96503] Re: Mini-Paddle available now!
Message-ID: <3ADC267E.92D2ED4@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> we are proud to announce the debut of our new Mini-Paddle on QRP-1
> today!

I just received mine... Happy to say it's a nice small Paddle.
Works very well for its size, Feel is good.

It's a great BP paddle as once retracted in the case, all is protected.

best
Tom aa2vk

PS : serial # 72 !

Date: Tue, 17 Apr 2001 07:26:25 -0400
From: "Richard Clemens" <clemens@wvwc.edu>
To: <billp2808@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96504] Re: [96416] PSK-80 Problem
Message-ID: <001f01c0c731\$3cbfc6a0\$dd68010a@wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Sounds exactly the same. I glanced at the meter and thought it was 10 watts out but perhaps it was in SWR mode and showed high swr. My guess the frequency changed drastically/

--

Richard Clemens
clemens@wwwc.edu

----- Original Message -----

From: "Bill Phillips" <billp2808@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, April 16, 2001 11:28 PM
Subject: RE: [96416] PSK-80 Problem

> Rich,
>
> I have almost exactly the same problem: If I run up the drive to my
> Warbler much beyond 2 watts, it gets stuck in transmit mode. The only
> way to stop it is to pull the plug and start again. I noticed that my
> SWR goes way up in the stuck mode, so I'm pretty sure it is oscillating
> well out of "Warbler Alley".
> I was hoping that this problem would come up at the PSK 31 forum in
> Dayton.
>
> 72
>
> Bill Phillips
> AD6JV
>
>
>
>
> Bill Phillips wrote:
> >
> > Date: Sun, 15 Apr 2001 23:04:53 -0400
> > From: "Richard Clemens" <clemens@wwwc.edu>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Subject: [96416] PSK-80 Problem
> > Message-ID: <004e01c0c622\$082c90e0\$13750cd8@wwwc.edu>
> > MIME-Version: 1.0
> > Content-Type: text/plain;
> > charset="iso-8859-1"
> > Content-Transfer-Encoding: 7bit

> >
> > If I try to drive my PSK-80 beyond 2 watts it seems to get itself stuck
> > in
> > transmit mode sending a 10 or 15 watt (so my meter says) signal. Works
> > dandy if I watch the drive carefully. Is this a known problem?
> > --
> > Rich Clemens
> > clemens@wwwc.edu

Date: Tue, 17 Apr 2001 07:32:33 -0400
From: "John Pate" <lighthousedx@hotmail.com>
To: billp2808@home.com, qrp-1@Lehigh.EDU
Subject: [96505] RE: [96416] PSK-80 Problem
Message-ID: <F167wkU601vA9bbbJXn0000651c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I just finished my Warbler on Friday and it works great, I do not have the problem you are mentioning, but am interested as to why/resolution. I am getting 4 watts out of my Warbler, lots of nice QSO's also. 72/73 John

>From: Bill Phillips <billp2808@home.com>
>Reply-To: billp2808@home.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: RE: [96416] PSK-80 Problem
>Date: Mon, 16 Apr 2001 20:28:10 -0700
>
>Rich,
>
>I have almost exactly the same problem: If I run up the drive to my
>Warbler much beyond 2 watts, it gets stuck in transmit mode. The only
>way to stop it is to pull the plug and start again. I noticed that my
>SWR goes way up in the stuck mode, so I'm pretty sure it is oscillating
>well out of "Warbler Alley".
>I was hoping that this problem would come up at the PSK 31 forum in
>Dayton.
>
>72
>
>Bill Phillips
>AD6JV
>
>
>

>
>Bill Phillips wrote:
> >
> > Date: Sun, 15 Apr 2001 23:04:53 -0400
> > From: "Richard Clemens" <clemens@wvwc.edu>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Subject: [96416] PSK-80 Problem
> > Message-ID: <004e01c0c622\$082c90e0\$13750cd8@wvwc.edu>
> > MIME-Version: 1.0
> > Content-Type: text/plain;
> > charset="iso-8859-1"
> > Content-Transfer-Encoding: 7bit
> >
> > If I try to drive my PSK-80 beyond 2 watts it seems to get itself stuck
> > in
> > transmit mode sending a 10 or 15 watt (so my meter says) signal. Works
> > dandy if I watch the drive carefully. Is this a known problem?
> > --
> > Rich Clemens
> > clemens@wvwc.edu

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 17 Apr 2001 06:28:17 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU, George Baker <w5yr@att.net>, Lew Paceley <lew@paceley.com>, Richard Kapalczynski <n5ji@yahoo.com>, Dwain Lawhon <dlawhon@ix.netcom.com>, Bill Pierrard <k5jhp@flash.net>, Don Wines <dwines@tyler.net>, Preston Buck <pbuck@flash.net>, Larry Jones <ljones@flash.net>,
Subject: [96506] NETXQRP Club Meeting
Message-ID: <3.0.2.32.20010417062817.007e3910@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPLers,

The next meeting of the NETXQRP Club will be held this coming Saturday.
Interested folks are invited to attend.

Saturday
April 21, 2001
1:00 to 3:00 PM (or so)

John Y Miguel's Cafe (Tex/Mex & 'merican)

104 State Highway 205
Terrell, TX
Phone: (972) 524-1447

Directions:

Miguel's is on the west side of Terrell. It is on 205 north, near the intersection of I-80, 205, and 148. 205 goes north from I-80 toward Rockwall and 148 goes south back across I-20. Go north on 205 about 1/4 mile and it's on the right. Big place, hard to miss. It's just past a Kuick Kar lube-and-tune place and across the road is a Walmart plaza.

If you have a favorite QRP something you'd like to bring along, please do. Weather permitting we may try some portable operation either behind the restaurant or at a local park in Terrell. Come join the fun!

For more NETXQRP Club info check our website: <http://www.netxqrp.org/>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>
[T MPS] Qs/126, States/40, DX /26, 3W to HF9V, Marsh Key, Codeboy Keyer

Date: Tue, 17 Apr 2001 07:37:42 -0400
From: Tim ORourke <TORourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [96507] K2/817 Debate. and Batteries 4 Portable Operation
Message-ID: <910D8E9955E3D411B3AE00A0C9319CB801A6E2@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Michel

The rigs have different MO's buy one of each and have fun. Keep the K2 in the shack or use on Field Day or tailgate. Use the 817 backpacking {lug a big battery though}. The 817 makes a great mountain top VHF contest rig. The K2 hands down a better HF rig. I own both and use as them for different operating conditions.

Batteries for field use:

I have been doing extensive testing on batteries for use on outings. Some general observations, best bang for the buck for 9.6v are the RS "1600Ma" NiMH Racing pack, you can sometimes find them on sale for \$20, normal \$30. I have checked them against Sanyo high grade packs and the are just as good. Battery holders verses welded packs, any tray I have tested has added resistance to load, cutting voltage to rig and generating heat. As an example the FT817 battery holder springs weaken and relax under load from

heat generated by this resistance. This shortens battery life and reduces Voltage available to rig. Packs mad with welded straps or make your own with solder tabs, just do not over heat cells while soldering.

Best cell per OZ, the Sanyo NiMH "A" cells rated for 2700Ma are tops, half the weight of Sub C 3000Ma cells, however the Sub C cells will provide maximum voltage to rig under loads, especially if running SSB and 15 watts. The Sub C cells were designed for R/C cars racing and can take rapid recharges and high loads repeatedly with out shortening their life.

As for charging NiMH cells I have tested the MAHA universal charger and it will charge up to 10 cells, however on 10 cells you may need to "re-peak" to get maximum charge. There are several R/C chargers for packs up to 18 cells available at about the same price as the MAHA and they also will measure pack capacity, have variable charge rates, and cycle packs.

One area to watch for is connectors used on packs, the "ARES" recommended connector is notorious for high resistance under load. For a universal connector with low resistance look at what the R/C guys are using, commonalty available connectors include Anderson Power Poles, and W.S. Deans Connectors. Both have very low resistance. I have been accumulating data on connectors and will publish findings soon.

.73 Tim O'Rourke KG4CHX@Telocity.com

Date: Tue, 17 Apr 2001 07:51:48 -0400
From: Hank Kohl K8DD <k8dd@arrl.net> (by way of Hank Kohl K8DD <k8dd@arrl.net>)
To: qrp-1@lehigh.edu
Subject: [96508] Dayton Hamvention Rooms
Message-ID: <5.0.2.1.2.20010417075051.021c5ec8@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

As of April 16 there are still 5 open rooms on the list.

<http://www.qsl.net/k8dd/rooms/dids.htm>

It's REALLY getting close to the date to turn back the un-confirmed rooms.

73 Hank K8DD

Date: Tue, 17 Apr 2001 05:57:34 -0600
From: Roy <marion@montana.com>
To: ad6a@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96509] Re: 817 vs. K2
Message-ID: <4.3.1.2.20010417055642.00a71960@mail.montana.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:17 PM 4/16/01 -0700, Dave Fifield wrote:

>I have both a K2 and an FT-817 and I think
>that they both have serious faults in their design,
>both technically and ergonomically.

>

>I'm still waiting for the perfect rig....

>hey, maybe I'll just have to design it myself?

>

>#8-]

>

>Cheers es 72,

>Dave Fifield, AD6A

Yeah, Right. Mr. red hot crap.

Date: Mon, 16 Apr 2001 13:49:55 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-1@lehigh.edu
Subject: [96510] Re FT-817 CW Filter Problem
Message-ID: <3ADB30C3.1698@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thaks to all who responded with suggestions. It turns out that I had
the filter installed upsidedown! Everything is FB now.

Joe, K3CHP
Riverdale, MD

Date: Tue, 17 Apr 2001 08:26:01 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [96511] Re: K2 and PSK31
Message-ID: <20010417.082723.-67501.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

RE . . . > "a digital interface board for the K2"

As far as the radio transceiver is concerned
PSK31 is an analog mode just like voice.

No hardware interface is required
to run PSK31 with a SSB radio.

You MAY need a simple resistor attenuator
in the transmit path
between the computer sound card and radio
. . . IF . . .
you can not
adjust the transmit tone level
to IMD requirements
(most PSK31 software packages provide schematic).

Depending on how you choose
to 'key' the radio's PTT port a simple
open collector circuit may be required . . .

A one transistor circuit is required
for the RS-232 PTT option (schematic provided
with most software packages . . .
one 2n2222, couple resistor, any common diode
. . . AND . . .
it is open collector, that is,
NO power supply required).

I run the Icom 706 with no hardware interface,
several different software packages,
and no problem.

PSK31 is an O U T S T A N D I N G
non intrusive weak signal (qrp) mode.

Enjoy,

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 17 Apr 2001 09:00:45 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96512] Re: K2 and PSK31
Message-ID: <00b401c0c73e\$b8129820\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John,

I'm aware of the 'generic' nature of PSK31. However, there is a lot to be said for a 'plug in' type interface for a radio. And I don't want to go with something like the RigBlaster. The digital interface board I brought up just makes it very convenient to have a SINGLE cable that just 'plugs in' the back of the K2 with a mini-din.

The item I mentioned is a small board that just 'extends' the K2 internal mic configuration jumpers to where you can now get at them without disassembly other than to pop the cover off the rig. In addition, it gives a nice convenient location to do any interfacing from an 'audio' perspective. The interface taps the audio independent of the later audio circuitry (including the volume control).

And yes, I do know how to do a simple PTT. But it seems to me that if I take the time to do a simple one, I'm going to take the time to do a GOOD one, with an opto-isolator. Just in case.

Finally, while PSK31 does work just fine the K2 'as is', even going in the mic jack and out the speaker, there are improvements that can be done to the K2. And I plan on doing those at the same time.

Mike

Date: Tue, 17 Apr 2001 07:10:32 -0500
From: David Heintzleman <pstrdave@kdsi.net>

To: qrp-1@Lehigh.EDU
Subject: [96513] snail mail
Message-ID: <3ADC32B8.18E12E91@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

out here on the pony express route, south central nebraska, no QQ yet -
the tidbits got me aching to get my hands on it

QRP Spring Sprint was fun, got 5 hours in - being clergy and Easter
weekend kinda overloaded the weekend, but THANKS to all, for some fun
hours
Dave K8BBM 6354

Date: Tue, 17 Apr 2001 09:14:35 -0400
From: "elawson" <elawson@lawson-philpot.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96514] Linux software site
Message-ID: <007a01c0c740\$5aeba180\$0e01a8c0@office.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I should have mentioned this site in replying to question about logging
programs for Linux. It is dedicated to Ham related programs on Linux and
seems extensive. There are logging programs which are GUI frontends to
MySQL database listed which makes for a high performance and flexible
logging setup.

Link is:

<http://radio.linux.org.au>

Ed Lawson
K1VP
NH

Date: Tue, 17 Apr 2001 09:57:57 -0400

From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96515] Re: VLF/Natural Radio Receivers
Message-ID: <200104171354.JAA08987@hat-trick>

I have successfully used an older BCB receiver for 'spherics reception.
Adjusted the L0 padder so L0 tunes almost to the 455kc IF. Connect antenna
directly to mixer input. Works like a charm.

-bob
wb4mnf

Date: Tue, 17 Apr 2001 07:05:52 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: ad6a@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [96516] Re: 817 vs. K2
Message-ID: <3ADC4DC0.4E95978E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Fifield wrote:

>
> I have both a K2 and an FT-817 and I think
> that they both have serious faults in their design,
> both technically and ergonomically.
>

Dave, it would be interesting to see more specifics re the "serious
faults" and compared to what competing radios.

> I'm still waiting for the perfect rig....
> hey, maybe I'll just have to design it myself?
>

Let us know when you do.

Phil W7OX

Date: Tue, 17 Apr 2001 10:11:14 -0400
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96517] Paddle project (morse code stuff)
Message-ID: <200104171407.KAA09010@hat-trick>

My new shop neighbor is a machinest. Excellent with Titanium if you have a project.

These days, he is mostly making a table top CNC milling machine for a company that adds software and markets to jewelers and model shops.

I've been talking to him about making a keyer paddle in spare time and rather than do a one-off, we were thinking that we might be able to make something that would justify a production run.

We have my favorite Brown Bros iambic apart on the bench right now and personally, I would like to do something with the same 'feel'. Before we start cutting, I would like to know what you guys consider the makings of an excellent paddle.

-bob

Date: Tue, 17 Apr 2001 09:15:39 -0500
From: "James Parsons" <res075cz@gte.net>
To: <wb4mnf@atl.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96518] Re: Paddle project (morse code stuff)
Message-ID: <006501c0c748\$e1b6cc00\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob, look at a Schurr Profi-2 and you will find everything you need to know...

73 de Jim, K5ROV...

----- Original Message -----

From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, April 17, 2001 9:11 AM
Subject: Paddle project (morse code stuff)

> My new shop neighbor is a machinest. Excellent with Titanium if you have a
> project.
> These days, he is mostly making a table top CNC milling machine for a
> company
> that adds software and markets to jewelers and model shops.
>
> I've been talking to him about making a keyer paddle in spare time and
> rather than
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that
> would
> justify a production run.
>
> We have my favorite Brown Bros iambic apart on the bench right now and
> personally,
> I would like to do something with the same 'feel'. Before we start
cutting,
> I would
> like to know what you guys consider the makings of an excellent paddle.
>
> -bob
>
>

Date: Tue, 17 Apr 2001 07:15:16 -0700
From: Bruce Grubbs <n7ceeqrp@earthlink.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [96519] OT: Troubleshooting question
Message-ID: <5.0.2.1.0.20010417070659.00aa6fa8@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well, sort of off topic... I'm trying to fix a really irritating problem with my dual band FM mobile. I know, it's not QRP- well, actually, it is, on the low power setting. It's a Standard rig with all the controls and display in the mike. Though I hardly every use it (the HF QRP thing seems to have bitten pretty hard), I do like to have it in the car "just in case".

The problem is that the LCD and pushbutton backlights are erratic. Tapping or squeezing the case sometimes gets them to come back on. I have the schematic and have disassembled the mike. It has 3 boards that interconnect

with tiny board-mounted plugs and sockets. Clearly the problem lies in the supply voltage to the LED backlights, because they all cut out simultaneously, while the radio does not. Although I can reproduce the problem with the case off by twisting and squeezing the board "sandwich", for the life of me I can't find a problem. I've even retouched the solder joints on the surface mount sockets plugs, to no avail.

All you troubleshooting wizards out there- am I missing something obvious? I don't really want to send it to Standard- last time they kept it a year!

73,
Bruce

Bruce Grubbs
N7CEE
Flagstaff, Arizona
DM45ef

Date: Tue, 17 Apr 2001 10:36:20 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n7ceeqrp@earthlink.net>, "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>
Subject: [96520] Re: Troubleshooting question
Message-ID: <001b01c0c74b\$c83d2960\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With all the stuff going on, it can be tough to find this.

But the first place I look, when I'm not 'certain', is the cable. I know, sometimes you think 'yeah, right'. But I got fed up with an intermittent on my Alinco DR-590 (yeah, and OLD rig) in the car, broke down and spent all of \$15 or so for a new mic cable. Fixed the problem that DEFIED localization for 2 years. And I have even in the past gone so far as to 'shorten' the mic cable by 2" at each end, just in case.

The only way to really nail this down would be to make up a small circuit that you could plug your mic into (I did that). Then one by one tie a signal INSIDE the mic to each wire. Put an SCR on the line to trigger an LED so that when the LED is turned on, it stays on but the slightest glitch will let it go out. Then flex the crap out of it. Do that to each line, looking for a break. (If you can disconnect the mic itself from the cord, that's probably best. Otherwise, use a single 1.5v battery to keep the voltage low, and not cause problems with the mic circuitry. And be careful of the mic audio line itself, it may be DC coupled to where a battery could damage something.)

It's an easy shotgun fix. And a lot of times it IS the fix.

Oh, a word of warning... If you buy a new mic cable, it may not have the same color code as the one you're replacing. Make SURE you DOCUMENT what you're ripping out BEFORE you actually do the rip out!! My replacement Alinco cable was cheap enough, it even came with a new connector on the radio end, but the color code was TOTALLY different!!!

And.... There was a weird crimp on strain relief in the mic for the cable. Not really weird, I see them all the time inside laptops. But almost IMPOSSIBLE for a 'consumer' to get ahold of. And you can't just solder the wire to the mic PCB. It would be a mess. HOWEVER, the mic strain relief was on the 2mm spacing the new high density cables use. So I took a 2mm header strip, soldered THAT to the end of the new mic cable, and then dropped that to the mic board once I removed the old setup and sucked the holes clean. Using the header strip made a nice clean setup. (I even slipped heatshrink over the wires, then down over the solder to the strip when it cooled.)

Mike

> Well, sort of off topic... I'm trying to fix a really irritating problem
> with my dual band FM mobile. I know, it's not QRP- well, actually, it is,
> on the low power setting. It's a Standard rig with all the controls and
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> to have bitten pretty hard), I do like to have it in the car "just in case".
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> The problem is that the LCD and pushbutton backlights are erratic.
Tapping
> or squeezing the case sometimes gets them to come back on. I have the
> schematic and have disassembled the mike. It has 3 boards that
interconnect
> with tiny board-mounted plugs and sockets. Clearly the problem lies in
the
> supply voltage to the LED backlights, because they all cut out
> simultaneously, while the radio does not. Although I can reproduce the
> problem with the case off by twisting and squeezing the board
"sandwich",
> for the life of me I can't find a problem. I've even retouched the
solder
> joints on the surface mount sockets plugs, to no avail.
>
> All you troubleshooting wizards out there- am I missing something
obvious?
> I don't really want to send it to Standard- last time they kept it a
year!
>
> 73,
> Bruce

Date: Tue, 17 Apr 2001 10:39:54 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n7ceeqr@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [96521] Re: Troubleshooting question
Message-ID: <003101c0c74c\$4920c460\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Clearly the problem lies in the
> supply voltage to the LED backlights, because they all cut out
> simultaneously, while the radio does not. Although I can reproduce the
> problem with the case off by twisting and squeezing the board
"sandwich",
> for the life of me I can't find a problem. I've even retouched the
solder

> joints on the surface mount sockets plugs, to no avail.

One tip here...

Take an SCR, a LED, and a resistor. Tack it to the end of the cable inside the mic. Trigger the SCR to turn on the LED.

Now flex the setup to get it to quit. If the LED goes out, it's the cable.

If not, then the problem is between the cable end where you tacked on and the backlights....

Mike

Date: Tue, 17 Apr 2001 09:33:22 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'mikezabel@qwest.net'" <mikezabel@qwest.net>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [96522] RE: QQ & Ponies
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A499ED@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Ponies? Horses? You gotta' be kidding, Mike! Here in the Great Southwest, we use armadillos for mail delivery!

They do move a little (but very little!) faster than snails!

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Mike Zabel [SMTP:mikezabel@qwest.net]
> Sent: Monday, April 16, 2001 9:04 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: QQ
>
> I got mine last Friday or Saturday in Tijeras (outside
> Albuquerque). It did seem to come a week or so later than
> others were posting here. Hang in there, the ol' ponys move
> a bit slower out here in the West.
> 73, Mike Zabel KC5U0J

>
> William R Colbert wrote:
> >
> > Anyone else in the desert southwest of Far West Texas
> > or southern New Mexico received a pony express
> > delivery of the Quarterly yet? No major storms,
> > no train wrecks or plane crashes so just wondering.
> > Maybe tomorrow.
> >
> > "The more I see of the representatives of the people,
> > the more I admire my dogs." letter from Count d'Orsay
> > Ray Colbert, W5XE

Date: Tue, 17 Apr 2001 10:57:25 EDT
From: Shepherd@aol.com
To: <qrp-1@lehigh.edu>
Subject: [96523] Contest: FPqrp "Nooner" update!
Message-ID: <c8.1365f2f2.280db3d6@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Hello everyone,
The Flying Pigs QRP Club, Int. is hosting the FPqrp "Nooner" QSO party on Saturday, May 5, 2001 from 1600 UTC (Noon EDT) to 2000 UTC (4PM EDT).

The number of MP20's that will be in the contest is growing, and as of now we have 6 finished and ready to go. What's an MP20 you ask? Click on over to <http://www.mpna.com/fpqrp/pigg20/> for details on our club project!!

Also, the prizes for the top score will be the FPqrp Cap-paddle kit. Certificates will also be available.

Full details can be found at:
<http://www.fpqrp.com/fpqrpqsp.html>

If you have any questions, please direct them to me at n8ie@aol.com

72, oo
Dan, N8IE=AE

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Date: Tue, 17 Apr 2001 17:04:56 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [96524] Re: 817 vs. K2
Message-ID: <000c01c0c74f\$c9c2bb20\$119001d9@ingo>

Hello Phil, Dave and listener,

The German magazine "Funkamateuer" has write a short FT 817 test on
<http://www.web-rx.de/funkamateuer/archiv/pdf/test/2001/ft817.pdf>
(162 kB and sorry in German)

72 de Ingo, DK3RED

E-Mail: dk3red@t-online.de - Homepage: <http://www.t-online.de/~dk3red>

Date: Tue, 17 Apr 2001 10:44:55 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [96525] Patcomm
Message-ID: <200104171517.f3HFHdL27297@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Say, anyone buy a Patcomm PC-500 or PC-9000 yet? They look like
pretty nice rigs for the money...

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 17 Apr 2001 15:22:50
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [96526] Re: Plotting Program
Message-ID: <F59TaDLZvJFE9VTYIlg00004898@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Royce asked:

>I am looking for information on a program that generates
>X-Y Plots. I know this is off topic but I would like to be
>able to plot drift over a few hours and see it graphically.

I use GNUplot. Included in all the best Linux distributions.
Zillions of options for output.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

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Date: Tue, 17 Apr 2001 11:21:55 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'dk3red@t-online.de'" <dk3red@t-online.de>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [96527] RE: 817 vs. K2
Message-ID: <078F21595FA7D411B87B00805FA728E64A46B9@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

The first inside pictures I've seen. Thanks!

Jerry
W3CDE

-----Original Message-----
From: Ingo DK3RED [mailto:dk3red@t-online.de]
Sent: Tuesday, April 17, 2001 11:05 AM
To: Low Power Amateur Radio Discussion
Subject: Re: 817 vs. K2

Hello Phil, Dave and listener,

The German magazine "Funkamateuer" has write a short FT 817 test on
<http://www.web-rx.de/funkamateuer/archiv/pdf/test/2001/ft817.pdf>
(162 kB and sorry in German)

72 de Ingo, DK3RED

E-Mail: dk3red@t-online.de - Homepage: <http://www.t-online.de/~dk3red>

Date: Tue, 17 Apr 2001 15:28:25 +0000
From: chasgschro@att.net
To: qrp-l@Lehigh.EDU
Subject: [96528] 20 Meter MFJ Cub-Need help
Message-ID:
<20010417152825.WQVE10838.mtiwmhc24.worldnet.att.net@webmail.worldnet.att.net>

I recently built this kit. It passed the smoke test first time! But, I soon discovered I had a problem. If you turn it on and then off again, it comes back on with severely reduced volume. The receiver is still sensitive and it transmits at full power. If you turn it off and leave it sit for a few hours, volume level is normal when turned on again. But, if volume is normal and you transmit, the volume is severely reduced. Can anyone offer suggestions? Any help will be greatly appreciated. Charles Schroeder kc0dzd.

Date: Tue, 17 Apr 2001 10:33:09 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'mhogan@email.msn.com'" <mhogan@email.msn.com>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [96529] Thank You ArkieCon & Jay's Eating Habit(s)
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A499F4@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Hey, wait a minute there, Hogan! Jay *did not* "et all" at ArkieCon!

My child bride and I et our fair share too, you know!

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Mark Hogan [SMTP:mhogan@email.msn.com]
> Sent: Monday, April 16, 2001 10:09 PM
> To: Low Power Amateur Radio Discussion

> Subject: Re: Thank You ArkieCon
>
> Kudos to the ArkieCon gang.
> Thanks to Jay et all for a great day. I have more fun here then any other
> single day event I attend all year!
> Never mind winning the COOL AWARD!
>
> Anyway if you missed it you MISSED IT!
>
> Thanks Jay.
>
> Hogan / 50BC
>
>
>

Date: Tue, 17 Apr 2001 11:46:37 -0400
From: ed.kwik@delphiauto.com
To: wa4chq@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [96530] re: regen rcvr
Message-ID: <05256A31.0056D4B4.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I built that transmitter. It used a 50xxx tube from the popular 5 tube AM superhets of the time. No power transformer. Used a voltage dropping resistor for the filament voltage. I guess it used some sort of voltage doubler circuit for the plate voltage. It was crystal controlled. I got it to work but it sounded very bad on my receiver and it wiped out the TV with TVI even with a LP filter installed. I was just to afraid of getting some sort of citation to use it.

Ed AB8DF

Date: Tue, 17 Apr 2001 11:55:48 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <n7ceeqrp@earthlink.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [96531] RE: Troubleshooting question

Message-ID: <000801c0c756\$df2913e0\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce:

The problem might involve the fact that some of these circuits operate in a so-called "dry" mode, that is, they really don't draw appreciable current. Essentially, they're voltage operated only.

In any case, I've had good luck repairing/restoring such things by using Stabilant-22, a conductive polymer that is a high resistance material except at contacts and connectors, where its properties change to cause it to be highly conductive.

You can see app notes for it at
<http://www.stabilant.com/llsting.htm#appnn.htm>. (the usual disclaimers apply; I have nothing to do with this company).

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bruce Grubbs
Sent: Tuesday, April 17, 2001 10:15 AM
To: Low Power Amateur Radio Discussion
Subject: OT: Troubleshooting question

Well, sort of off topic... I'm trying to fix a really irritating problem with my dual band FM mobile. I know, it's not QRP- well, actually, it is, on the low power setting. It's a Standard rig with all the controls and display in the mike. Though I hardly every use it (the HF QRP thing seems to have bitten pretty hard), I do like to have it in the car "just in case".

The problem is that the LCD and pushbutton backlights are erratic. Tapping or squeezing the case sometimes gets them to come back on. I have the schematic and have disassembled the mike. It has 3 boards that interconnect with tiny board-mounted plugs and sockets. Clearly the problem lies in the supply voltage to the LED backlights, because they all cut out simultaneously, while the radio does not. Although I can reproduce the problem with the case off by twisting and squeezing the board "sandwich", for the life of me I can't find a problem. I've even retouched the solder

joints on the surface mount sockets plugs, to no avail.

All you troubleshooting wizards out there- am I missing something obvious?
I don't really want to send it to Standard- last time they kept it a year!

73,
Bruce

Bruce Grubbs
N7CEE
Flagstaff, Arizona
DM45ef

Date: Tue, 17 Apr 2001 08:54:13 -0700 (PDT)
From: agtaylor@llnl.gov
To: qrp-l@lehigh.edu
Subject: [96532] Question on anti-static pad setup
Message-ID: <200104171555.IAA12239@poptop.llnl.gov>
MIME-Version: 1.0
Content-Type: TEXT/plain; CHARSET=US-ASCII

I recently acquired an anti-static matt/pad. Its just the right size, cheap enough, and has a really cute little alligator clip on a coiled-up wire. My question is the appropriate way to use the connector clip. Is it sufficient to clip it to the metal of my Weller WLC100 solder station? Where do I clip the wrist strap? No obvious way to attach it to the matt.

This should be very simple to answer, but as the room my newly built electronics bench/table is in has a thick carpet on it, I want to be sure and do it right!

73 Allan K7GT

--

Allan G Taylor

agtaylor@llnl.gov

Date: Tue, 17 Apr 2001 11:19:56 -0700
From: "Jim Crooke" <crooke@prodigy.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96533] RE: Patcomm
Message-ID: <NFBBJPADGLMPBKFEMHOJKEACCCAA.crooke@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: Steven Weber

> Say, anyone buy a Patcomm PC-500 or PC-9000 yet? They look like
> pretty nice rigs for the money...

> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

I've got the PC-500 with the 20 and 6 meter modules. It is a nice little rig on 20. The receiver is as sensitive to my ears as my Pegasus and the transmit signal is always been reported as nice both cw and ssb. The rig is intuitive to use and I am enjoying it. There are some negatives that I have noted. There are a fair number of birdies on 20 and 6. I haven't worked anyone on 6 yet. I may not have the patience for the band, my antenna may be deaf on 6, or it may not work. I am not sure which is the answer, although I suspect my patience is not there as I seldom hang around. The meter light and the lcd light can be turned off to save power but it is by internal jumpers. The paddle key is hooked up backward to my other rigs. No biggie, have to use different cables, but a nuisance still. The power is adjustable as well as the audio filter from the front panel and the RIT is nice. All in all, I'm still satisfied and not ready to sell it. I think I'll swap out the 6 meter module for another though.

73 es oo's de Jim KJ0C

Healer of Brachycephalics and other fine looking creatures in Springfield,
MO

#-108 and semi-official vet of the Flying Pig QRP Club

Date: Tue, 17 Apr 2001 11:35:04 -0500
From: "George, W5YR" <w5yr@att.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96534] Re: K2 and PSK31
Message-ID: <3ADC70B8.D62572CD@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't have a horse in this race, but FWIW, I have found on two of my transceivers - Kachina 505DSP and Icom IC-756PRO - that both transmit and receive audio are *greatly* improved by introducing transmit audio internally to the radio and avoiding the entire mic input circuitry and likewise taking receive audio as far "upstream" as possible and not using the audio output circuitry.

This has been found true both for SSB and PSK31 operation.

So, there might be some advantage to going into the K2 near the balanced modulator input with external transmit audio - PSK31 or mic signals - and coming out near the product detector output.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Mike Yetsko wrote:

>
> John,
>
> I'm aware of the 'generic' nature of PSK31. However, there is a lot to
> be
> said for a 'plug in' type interface for a radio.
>
> Finally, while PSK31 does work just fine the K2 'as is', even going in
> the mic jack and out the speaker, there are improvements that can be
> done to the K2. And I plan on doing those at the same time.

Date: Tue, 17 Apr 2001 16:55:56 -0000

From: "Ed Juge/NM" <ed@juge.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [96535] Re: 817 vs. K2
Message-ID: <012801c0c75f\$51e5a940\$75ddead8@v300>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Karl...

> Not a can of worms Michael, a bit of plain fact. I looked at a k2 and
> bought a Kenwood TS-50 and had \$200 in change, plus the high power when
> needed, plus general coverage which is important to me as I camp with this
> rig.

You obviously made the right choice for you. I hate to think how much battery you need to lug around for the TS-50! (I have a TS-50 in my motorhome and love it... also the matching tuner, so I'm not badmouthing it.) BTW... my K2 with internal 20-hour battery probably weighs about what your TS-50 does.

> The K2 is a kit and many of my friends had fun putting them together. But
> then the fun ends when you buy the ssb kit and need to build that and
> install it. Soon you into big money for a small rig.

Your statement, "...then the fun ends..." is my real reason for writing. I disagree! The SSB kit, internal tuner, NB and 160-meter kit, internal battery kit were all fun to build. Owners' main complaint is there are --as of yet-- no more options to build. Granted, one of the main attractions of the K2 is its kit form. I don't believe money is even a remote issue for most K2 owners, though I'm not sure any commercial rig of equal new price (about \$990 in my case with all the options) can offer all the features and --very important-- equivalent receiver performance. Also, K2 owners can align, troubleshoot and/or modify their own radios. No trips back to the factory to are required as is usually the case with commercial, tightly-packed surface-mount circuitry. This rig is a breath of fresh air in a high-tech world.

> The K2 sales hype is abundant on this QRP-L list and way overdone in my
> opinion. I'm more than tired of hearing about the K2

What drew my attention to the K2 is the amazing receiver performance. I get less QRM from a strong signal kHz away than I do on my \$3,000 Icom. Another QRP rig with the kind of receiver performance the K2 offers (see the ARRL lab comparisons with some of the best rigs money can buy) just doesn't exist.

That said, I wouldn't want or recommend ANY QRP rig as an "only" transceiver. I agree with you, 100 watts is great when you need it.

Sorry to add to the K2 hype you're tired of hearing. ;-)

Enjoy your TS-50 and 73... Ed, W5EJ

Date: Tue, 17 Apr 2001 09:57:59 GMT
From: Walter D Amos <walt_amos@juno.com>
To: k5di@zianet.com
Cc: qrp-l@lehigh.edu
Subject: [96536] Re: 817 vs. K2
Message-ID: <20010417.163308.-119185.1.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl F.:

YES a can of worms !!

You can't compare rigs on MONEY my god !!

Usage, now that MIGHT be a thing to use but surly not MONEY. Yes, USAGE that's more like it!

I have a K-2, TS-50 and FT-100 but no FT-817 and probably never will have one because it's USAGE is for backpacking and at my age I sure don't do that any more. I once, in a time long ago, carried a canoe into Quataco, a park in Canada, and surly did not carry a RADIO ! But today a 817 probably would have been in my pack. :-) The K-2 runs circles around both the FT-100 and TS-50 on cw and in a contest with strong signals. But you may not operate CW? The TS-50 has superb audio for listening to the BBC with an external speaker. It sucks current like a drunken sailor! Did you get the little \$129 dollar 500 Hz filter for yours, what a rip off. Yes, I did get it and makes a world of difference on CW.

Put two cw filters into the FT-100 and would not recommend doing that at home but letting the dealer do it, what a bear of a job. They work fine but cost \$200 smackers. On phone it doesn't seem to put out like the TS-50 when you have the menu for the mike jacked up to 100%. That looks good on the scope!!

All together I have around \$850 in the K-2 and I have everything but the small internal battery , I have one of those power stations and only use that at a cottage or rental house in Florida in the winter. Mostly I carry a DELL laptop switching power supply I got from B. G. Micro for \$6 bucks, 3 amps and does the job just fine.

Bet you don't tent camp with the TS-50 he he

Walt K8CV

On Mon, 16 Apr 2001 21:23:14 -0600 (MDT) "Karl F. Larsen"

<k5di@zianet.com> writes:

>

> Not a can of worms Michael, a bit of plain fact. I looked at a k2

> and

> bought a Kenwood TS-50 and had \$200 in change, plus the high power

> when

> needed, plus general coverage which is important to me as I camp

> with this

> rig.

>

> The K2 is a kit and many of my friends had fun putting them

> together. But

> then the fun ends when you buy the ssb kit and need to build that

> and

> install it. Soon you into big money for a small rig.

>

> The K2 sales hype is abundant on this QRP-L list and way overdone

> in my

> opinion. I'm more than tired of hearing about the K2

>

> On Mon, 16 Apr 2001, Michael T. Haynie, KC0EXP wrote:

>

> > Forgive me for potentially opening up a big can of worms here, but

> I see

> > lots of postings regarding the 817 and K2, but never a comparison

> of the

> > two. Is it perhaps because I'm trying to compare apples and

> oranges here? I

> > haven't been at this QRP thing too long, so don't hold it against

> me :-).

> >

> > My biggest wonder is the cost. For the money, the 817 seems to be

> the most

> > cost effective of the two considering the AM, SSB, FM, UHF, VHF,

> etc that it

> > can handle. However, the K2 does have SSB as an option. To me the

> K2 seems a

> > bit expensive, considering you have to assemble it (which most see
> as a
> > value) but I'm looking at it from a cost only perspective. Don't
> get me
> > wrong, I like homebrew, but the K2 seems a bit overpriced. Am I
> really
>
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>
>

Walt K8CV in Royal Oak, MI.

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Date: Tue, 17 Apr 2001 11:48:06 -0600

From: "Rod Cerkoney" <n0rc@hotmail.com>

To: qrp-1@Lehigh.EDU

Subject: [96537] K2 vs 817 vs IC-706

Message-ID: <F287omjpD3zCParqjPi000085d9@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Well as long as we are comparing apples & oranges (K2, 817) let's throw in a Pear: Icom's 706 Mark 2 G. I'll take the Icom over the 817 any day. For only a few hundred dollars more you get DSP, two filter slots, and when you need/want it, enough power to suck a Die Hard dry in a matter of minutes!

The 706 is on sale right now, I'm really tempted. ;-) Cross band split, digital modes and satellite option makes it interesting.

73, Rod N0RC

Fort Collins, CO

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 17 Apr 2001 10:52:30 -0700

From: Bob Nielsen <nielsen@oz.net>
To: qrp-1@lehigh.edu
Subject: [96538] Re: Question on anti-static pad setup
Message-ID: <20010417105230.B1511@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Tue, Apr 17, 2001 at 08:54:13AM -0700, agtaylor@llnl.gov wrote:
> I recently acquired an anti-static matt/pad. Its just the right
> size, cheap enough, and has a really cute little alligator clip on
> a coiled-up wire. My question is the appropriate way to use the
> connector clip. Is it sufficient to clip it to the metal of my
> Weller WLC100 solder station? Where do I clip the wrist strap? No
> obvious way to attach it to the matt.

Back in my working days (Hughes Aircraft), we had anti-static pads with a snap fitting to which you can attach a wrist strap. These pads were attached to a heavy copper ground bus affixed to the benches and tied to the building electrical ground. We were also heavily brainwashed with training films about ESD protection.

When I get around to it, I plan to put a copper strap on the back of my work bench so I can do something similar.

That said, if the metal on the soldering station is connected to the ground pin on the plug and you have no other available ground, what you mentioned should work. While a reliable ground connection is necessary for anti-static protection, it doesn't have to be low-resistance (and for personnel safety, it is better if it is not a low resistance if you are working with high voltages). As I recall, our wrist straps had 1 megohm resistors in series with the lead.

73, Bob N7XY

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Tue, 17 Apr 2001 14:11:17 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <nielsen@oz.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96539] Re: Question on anti-static pad setup
Message-ID: <008d01c0c769\$cfdf8640\$6b01a8c0@INSYDENT>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If I were setting up a bench, I'd have a resistor in series with the whole darn bench to ground!! That way, if I were leaning or otherwise touching the ground on the bench, and happened to touch high voltage, I'd have a MUCH lower chance of finding myself on a first name basis with God.

Mike

>
> When I get around to it, I plan to put a copper strap on the back of my
> work bench so I can do something similar.
>
> That said, if the metal on the soldering station is connected to the
> ground pin on the plug and you have no other available ground, what
you
> mentioned should work. While a reliable ground connection is
necessary
> for anti-static protection, it doesn't have to be low-resistance (and
> for personnel safety, it is better if it is not a low resistance if
you
> are working with high voltages). As I recall, our wrist straps had 1
> megohm resistors in series with the lead.
>
> 73, Bob N7XY

Date: Tue, 17 Apr 2001 14:29:58 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ed.kwik@delphiauto.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [96540] Re: regen rcvr
Message-ID: <3ADC8BA6.E66F1A60@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed,

I believe the rig you are referring to is from CQ magazine about 1956 or so.

There

were three rigs in the series, each successively simpler. I built the last of the series in 1957. It used a 50C5 and a 35Z5 I think. It was built on a chassis made

up from 1/4 inch chicken wire! I made one contact with it, a ham in Dayton, some 200 miles away, and then cut it up because of fear of shock! Sounded pretty good, I think, but my memory is a bit faulty!

73

Date: Tue, 17 Apr 2001 11:53:09 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [96541] Re: Question on anti-static pad setup
Message-ID: <20010417115309.A4170@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Reminds me of when I built my first transmitter in 1952. A ham friend (who should have known better, but liked to draw arcs to a pencil from his tank coil, so what can I say) came over to watch and just after I had switched on the high voltage, rested his hand on the top of the fully meshed final tuning capacitor. He had some nice stripes on his palm after that.

Bob

On Tue, Apr 17, 2001 at 02:11:17PM -0400, Mike Yetsko wrote:
> If I were setting up a bench, I'd have a resistor in series with the
> whole darn bench to ground!! That way, if I were leaning or otherwise
> touching the ground on the bench, and happened to touch high
> voltage, I'd have a MUCH lower chance of finding myself on a
> first name basis with God.

Date: Tue, 17 Apr 2001 13:59:33 -0500
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [96542] Re: Oh , oh , DX Re: OH3GD on 14.001 @ 0420Z
Message-ID: <5.0.2.1.0.20010417131516.028b8b20@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Why hello Walt,

Always a pleasure to find your header and uplifting thoughts on my computer screen.

Nice catch, your TI2. Not always around on 40CW, in my experience. But, I only recently got back into DXing after laying off the stuff for ten years so that's only a recollection.

Just a suggestion for you Walt, but after working DX it can be useful to post the contact info immediately afterwards on QRP-L. Might help those guys interested in working a new one on low power. And, perhaps motivate others to give it a try. Especially for those feeling left-out because they don't have directional or otherwise optimized antennas. Or, a super-duper rig.

I think DX-alert posts on QRP-L can be helpful to those routinely monitoring the List. Obviously, that assumes the DX is still there by the time it is read. <g> I fudge on my posted operating times a bit to reflect when I hit enter and sent off the alert. Also, I have to still hear the DX operating at that time. A bit of quality-control, if you will.

My local ISP typically routes messages to QRP-L in two minutes which is very reasonable. On the other hand, such messages are of little use to those reading them hours and days later, or those who could care less about low-power DXing.

I get private responses from guys saying they worked the posted DX too and thanks for the heads-up. Conversely, there is a private note from time-to-time saying the postings are too late to do any good and only clutter up their mailboxes. Depends on the situation, I suppose.

Walt, my spring project is working fifty countries on 20CW with the portable St. Louis Quickie vertical mentioned in the post you are referencing. I'm running 2 watts or less and usually on an old Argonaut 515. Now 42 logged so only eight to go.

The winter project was fifty countries on 40CW with the St. Louis Express vertical. I suppose both antennas have generated quite a few DX-alerts for QRP-L. I refrain from posting what some would call "routine DX" though the choice of semantics is by no means the best.

For the summer, I'll switch to a portable NVIS dipole for 40M designed by W4NVK. Might be a little better path between us that way.

TTUL

de Dave, NF0R nf0r@slacc.com

At 10:21 AM 4/17/01 +0000, you wrote:

>Oh, oh

>

>look, look

>

>see, see

>

>N4CD/TI2 on 7.003.8 @ 03:35 Zulu

>

>Used a K-2 and 130' inverted V

>

>Good luck

>

>Walt K8CV

>

>On Mon, 16 Apr 2001 23:20:21 -0500 david gauding

><david.gauding@bbs.galilei.com> writes:

> > OH3GD on 14.001 @ 0420Z

> >

> > Kari a good 579 into the Midwest.

> >

> > Used Argo 515 and 2W to St. Louis Quickie vertical.

> >

> > Good luck,

> >

> >

> > de Dave, NF0R nf0r@slacc.com

> >

> >

>

Date: Tue, 17 Apr 2001 12:08:20 -0700

From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [96543] Re: Amazing Analyzer

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76E25@hq-expo2.filenet.com>

The Atlas Component Analyzer seems like the bomb! But where can it be obtained in the U.S.? It seems that the U.K. company wants 55 pounds for it yet one of its distributors wants around 88 pounds. What is the price in the U.S.

..inquiring minds..

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Tue, 17 Apr 2001 15:20:08 EDT
From: PDouglas12@aol.com
To: qrp-1@lehigh.edu
Subject: [96544] PSK31 Computers (article)
Message-ID: <a9.14272964.280df168@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Guys,

I thought I'd try out a short version of an article I am thinking of submitting to QQ here on the list...

This article should be of interest to those who are short of bucks (who isn't?) and want portable PSK31 capability on a shoestring. Usual disclaimers, guys.

I have been fooling with used/surplus computers for some time now for general/ham use. I've tried IBMs, but I prefer the Toshiba Portege line for portability and flexibility. My two favorites are the T610, a P90 machine, and the 300CT, a P133 machine. Both of these machines require external floppy drives and do not include CDs. They have two PCMCIA slots, each, but if you plan to use them in a wireless network, be aware that the older T610 will not support CardBus technology, required by all wireless PC cards.

There are wired ethernet cards which do not need CardBus, however, so the T610 would be fine for an ethernet. Modem cards generally work with either machine just fine.

Both machines will easily handle all standard MS Office type programs (Word, Excel, Powerpoint, etc., and Digipan, in all its iterations as far as I have tried. They have superb active matrix screens, though they are smaller than the screens on bigger laptops--these are four pound subnotebooks. They have compatible sound cards built in. Drivers for the cards can also be found on the Toshiba website, if needed.

In addition to a Toshiba external floppy you will need to have an external

PCMCIA CD ROM to load in software. A company called EXP makes good, inexpensive ones. You will need the DOS drivers as well as the Win drivers; EXP supplies a floppy with both.

If you buy either machine on Ebay, expect to pay about \$140-200 for the T610 and \$225-300 for the 300CT. If you already have any Toshiba laptop with outboard floppy, it will serve to support either of these machines as well. The higher price range machines should include the floppy drive. Note, you must be certain to obtain the port bar which came standard with the 300CT, as it has the only floppy connector! Without the port bar, you will only have USB (the 300 has USB, the 610 does not) and PCMCIA on the 300. I have never tried to load an operating system into a machine without having a floppy. The T610 has the usual ports and the all important floppy input connector built in, and does not require a port bar. Which brings me to the critical issue with all these machines.

Unless you pay a premium for an included operating system, these machines only come with a DOS prompt. Your machine will not recognize the CD ROM drive until it has a substrate operating system and drivers for the drive. If you want to load in Windows, you'll have to bootstrap your way up. The most straightforward way to do this is by loading in DOS 6.22 (any late version of DOS should work) via floppy. You may have to format the HDD first, then load in DOS. Once you have DOS in place, you can load the DOS drivers for your CD. When they're working, your computer can "see" the CD ROM drive.

Then, install your Win 95 or preferably Win98 (Second Edition preferred). W98 SE has the drivers built into it for the USB (in the 300) and the other ports, plus audio/video, and even most modem cards. The 300 has a 33.6 modem built-in, while you'll need a PC Card modem for the T610.

There are other ways to get an operating system loaded. One way is to buy Win 95 on floppies, if you can find it. (I have a legal set, so I know it exists.) Another might be to connect a USB floppy to the 300CT (I haven't tried it, but I think it may work--and that would be worth trying if you don't have the port bar). It should also be possible to load in the operating systems via a laplink, but this should be reserved for a last resort, and for those who have too much time on their hands and/or gluttons for punishment.

That's it in a nutshell. It does take some skill and experience to get all the stuff working, but at those prices, you will be astounded what your dollars will buy, if you have the skills and software/hardware on hand to load up one of these machines.

Date: Tue, 17 Apr 2001 19:25:45 -0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [96545] more on my SMK-1
Message-ID: <F233fC8aH5qRFapNuT10000899e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hey, I still haven't tweaked the trimcaps when I tried with a regular screwdriver I got this hum that anyone with experience probably would expect. But when I adjust the AF gain there is no increase in background noise, should I be worried? Picked up a "tweaker tool" this AM so I should be able to do the adjustments called for.....

Speaking of the trimmer caps...just how much tweaking should I expect? If I keep turning, do they just go round and round or is there limits?

Thanks for all the help.

Del, AD6WE

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 17 Apr 2001 13:03:48 -0400
From: ed.kwik@delphiauto.com
To: qrp-1@Lehigh.EDU
Subject: [96546] Michigan QRP Net
Message-ID: <05256A31.005DBDDE.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

My ARCI contest results were poor. I operated about 12 hours with only 50 QSOs. 40 meters early in the morning seemed best and 15 meters had some very strong signals to CA, OR, NV and ID late on Sunday. No QSOs on 10 meters. It seemed open on Sunday but nobody on 10.

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. Net control is AB8DF.

Ed

Date: Tue, 17 Apr 2001 15:39:29 -0400
From: "Bill Acito" <w1pa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [96547] BNC's, for, RG-174
Message-ID: <F30pYC98Bi89QtpfTYS0000cfec@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I picked up some BNC's for RG-174 from RS.com. Of course, there are no details of how to hook one of these up.

Within each package I have the gold center pin, a small white nylon "bead" -- looks like a ferrite bead the same width as the cable. There is the standard male outer piece with the barrel that the braid goes over (it's "textured"), as well as another barrel that slides over it, that should be crimped on (I assume). It looks 3/16" in diameter, and tapers at the end down to the width of the RG-174.

Questions:

1. I assume the plastic bead goes over the center wire, before I put on the gold pin, between it and the end of the center wire insulation?
2. Where do I get a crimp tool that will crimp this outer barrel (3/16") over the inner (1/8"). Any local shops before I check Harbor Freight? The standard Radio Shack and Home Depot stuff is all too large.

Bill
W1PA

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 17 Apr 2001 20:40:08 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [96548] Atlanticon & Arkiecon Diary
Message-ID: <01a401c0c776\$8c148fc0\$d6c101d5@LocalHost>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Where do I start? Regular followers of our trips will know that this is our 6th "once in a lifetime trip" to the U.S.A. and what a trip! Usually Graham G3MFJ & I get to go to one QRP gathering, but because of brilliant timing of events, this year we visited two!

Having travelled via the obligatory hub of Atlanta, Delta Air deposited us at Baltimore International airport on the Thursday evening prior to Atlanticon. We decided to take the "Super Shuttle" to avoid the walk in the heavy rain that the (otherwise excellent) light rail system would have entailed. After an extended wait we toured the city courtesy of a driver who (having confessed to being new to the job) managed to get continuously lost. Much time was spent reading a map book at traffic lights but we finally reached the hotel some two hours after buying our tickets!

The next day we caught the light rail into the city and proceeded to do the tour. While waiting to cross the road, I looked down and a 20 dollar bill swam past in the gutter. Not being too proud, I retrieved and used it to buy our tickets to tour the various nautical exhibits and pay for our lunch. Now this is what I call hospitality for visitors!

Later that night various folk arrived and we went for a fabulous meal at Gibbys where I had my first ever Crab Cake. If you've never attended a QRP gathering you are missing something. Put a bunch of us together and you get a social group that could natter all night long. Later we returned to the hotel hospitality suite and looked at what the vendors had bought for us to see. We also got a preview of the cacophony that was to come the following evening from the entries to the PSK31 beacon kit competition.

Saturday morning started early with our talk on simple test equipment and people were most kind with their comments afterward. Rich Arland was the M.C. and he did a fabulous job. Then he introduced the "big hitters" in QRP - Chuck K7QO, Joe N2CX, Ron WB3AAL, Jim K8IQY and Dave NN1G. Rich also gave a great talk on portable operating.

The hamfest itself was only one stop down the line on the light rail (in a stockyard that had been cleaned up for the event). Although not as massive as Dayton it was big by any other standard and it took us a second visit on Sunday to complete the tour. The now established ploy of asking for "foreign friends discount" continued to work as we left vendors staring after the funny sounding foreign guys who had just managed to get a price reduction. Incidentally, Doug Hendricks tried this in England on his last trip and failed dismally. Sorry Doug, there

are some things only Brits can do, the other being able to make decent tea. (The Boston guys seem to like using salt water!).

Later that evening a crowd of us went to a really nice restaurant but the evening didn't turn out so great. Something got caught in my throat and caused me to decorate the men's room red. Aid came in the form of Preston Douglas WJ2V and Mike Bower N4NMR who took me to the emergency room. The doctors confirmed that they could see where I was cut, but the bleeding had stopped and whatever had caused it was gone. Fortunately things had looked worse than they actually were but during the episode I confess to being shaken by it all. I had suggested that Preston and Mike should go back (and I could get a cab) but they would hear none of it. They stayed with me all the time and their reassurance helped enormously. You can't find finer friends than this and I would like to thank them publicly for their care and concern.

With nothing more serious than a sore throat, Mike & Preston took me back to the hotel where we had missed the beacon contest, but were still in time for the Pickin' & Grinin'. There is some serious musical talent among QRPers, and as well as being a good guitarist, our host George Heron has a great singing voice. He and the NJQRP folk also organised a terrific event. The hotel was first rate. Folk who were there will agree that there wasn't a dull moment to be had. Congratulations to George and the NJQRP folk who made it all possible.

On Sunday we finished touring the hamfest and had a lazy evening in the hotel where they served a pretty good steak in the restaurant. Monday morning we again got to visit Atlanta as we made our way to Arkansas. The third and final plane was a small "crop duster" that deposited us in the tiny airport at Fort Smith.

Soon Jay Bromley W5JAY was meeting us and we registered at a local hotel for the night. Then Jay took us to the Outback where we had another nice steak (are you spotting a serious addiction to American steak?).

On Tuesday morning we set off for Memphis and began our quest to find Elvis. The following day found us queuing for Graceland. It's amazing. For a dead guy he has such a huge carpark! Graceland is of course, frozen in time, as a "home turned museum" would be expected to be. Although I'm not a big Elvis fan, his music nevertheless formed part of my youth and the tour was interesting. He had a lovely collection of cars and bikes plus two jet aeroplanes - the guy must have been seriously loaded!

It was one of those "been there - done that" things rather than a pilgrimage and I thoroughly enjoyed the morning. Graham & I then headed for another area which turned out music that I'm very fond of - Beale Street. I think it's one of those places that look better at night as

during the day it looks a bit "tatty". We had a meal in Beale Street at a place that boasted of being there since the 20's. They need more practice. It's the only burger I've ever had that makes MacDonalds look good! Then we took a drive up Union Street and to Sun Records! Although being far from impressive in itself, this is another place history was made, and we stood where folk like Elvis and Roy Orbison recorded music that will still be playing when we are all long gone.

Driving back to hotel took us past a packed stadium which we later saw on the restaurant TV while our waitress patiently attempted to explain the rules of baseball to us (and I thought Cricket was complicated!). The following day we started back for Fort Smith, and as with our outward bound journey, we got off the interstate and used the old highway. Although slower, this takes you through many towns and communities so you can see some of real America rather than just miles of boring concrete. That evening we met up with Jay, Jim Cates WA6GER and Vern Wright W6MMA and went out for - yes another steak! Afterward, Jay took us to meet a local chum Bill N6CHA and his wife Juanita. Bill is a fascinating man who told us he had spent some of WW2 stationed at airbases in Essex (just across the river Thames from where I live). We all owe a lot to people like Bill. Later at the Saturday barbecue we enjoyed the chance to chat further with Bill & Juanita.

Friday was our last tourist day and we took the opportunity to tour the historical sites around Forth Smith. We visited the only "cat house" to appear on the U.S. national register "Miss Laura's". The building had been preserved and renovated in the style of when it was open for business a hundred years ago. Nowadays, as well as being a museum, it is also the visitors centre. Nearby is where the famous "Hanging Judge" Parker judged 13,000 cases and sentenced 160 men to hang and there is a "tasteful" reconstruction of the gallows he used.

While walking around we heard (on our HT's) the voice of Doug Hendrick's coming over the repeater as he and Dave W7AQK drove in from Tulsa. Later we were all to meet for a "no host dinner" at the Ribeye restaurant, where so many QRPers turned up, that the main dining room was full to capacity and some of us were squeezed into a side room.

The food was really great (I had another steak!), but as Doug later blabbed to the world, I "wussed" out of eating the Turkey Fries. Returning to the hotel, we crowded into the breakfast room where some more Pickin' & Grinin' went on. This time Graham had his own guitar which Doug had given him for his birthday in May. For my birthday (the following week) he presented me with a Norcal Cascade kit which I shall have a lot of fun building. With all the chatting, singing and guitar playing, at midnight the hotel folk had to ask us to tone it down a little. We may be QRPers, but we make some QRO noise when we are having fun.

Saturday was convention day and we were up bright and early to hear George Heron speak on PSK31 developments. George, Joe and the gang at NJQRP typify the excitement and innovation that we see in QRP today. There are some great PSK projects in the pipeline from these New Jersey guys. Then Jay scheduled a break so we could get around the hamfest - a great idea if this is located nearby to the QRP events. Some bargains were no doubt found and then we had our turn to speak on "Test equipment that doesn't cost a mint". During my talk I got my own back on Doug for his wicked stories about me being knighted ("Sir Tony") with a prediction on what he was to become if he were to be reincarnated. :-)

Doug did a splendid job as M.C. but then he is never known to be lost for words! Folk were kind enough to laugh at our jokes and refrain from throwing tomatoes, and as a speaker, you can't ask more than that! After lunch came a talk from my good friend Jim Kortge on designing a transverter. Jim's work with Manhattan construction is legendary and he is no less skilful in circuit design - a lovely chap, a pleasure to listen to, and I can't help feeling that some of his Manhattan work ought to be on the walls of the Tate gallery - well it is almost an artform!

In the evening we had one of the finest barbecues I've ever eaten - I never knew baked beans could taste so good! The folk who organised the meal should be congratulated on such a fine job. We spent the rest of the evening doing what QRPers do best - talking. Then it was time to return to the hotel - and do even more chatting!

Dave W7AQK showed Jay & I how he had clamped his MP1 antenna to the hotel window and worked Malta with his FT817. A great example of what you can do with QRP and a quality portable antenna. Graham & I were presented with more birthday presents and we each bought back one of these marvellous products from "Super Antennas" (thanks Vern). I can see I'm going to have a lot of fun with mine.

On Sunday those of us that were left had lunch. Then Doug took Graham, Derek and myself to see Keith K5YCM. Keith welcomed us and was kind enough to find me a straight key to use on his 20m Red Hot Radio. I worked a station in Atlanta and then we almost saw smoke coming out of the rig as W5JAY pounded through the loudspeaker - I'm so glad I didn't have headphones on! Working Jay using my K4WIF call was a real thrill. That lad sends nice morse.

Later we had a family meal at a seafood place with Jay and his lovely bride to be - Kathy and their combined collection of 3 great children. Jay's son Derek recommended to me his favourite dishes and Kathy's youngest daughter Hannah kept me busy with questions about England. Elizabeth - Kathy's middle daughter skilfully managed to sit at the other end of the table with the "grown ups". :-)

There was discussion between Graham & Doug about a "neon" sign that was continually changing colour with much speculation on how it worked.

Being the school teacher he is Doug just had to know. I wish I had taken a picture as we (and the other diners) watched Doug walk over and climb on a chair to examine the works!.

Back at Jay's place there was some more Pickin' & Grinin' plus Kathy joining in with her lovely singing voice. All too soon it was time to retire for the final night. The next morning we first waved Jim K8IQY then Dave W7AQK goodbye then it was our turn to drive to the airport. Doug & Jay accompanied us to ensure that we left the State as we begun the tedious journey home - via Atlanta of course!

Attending one QRP event is great. Attending two was more fun than maybe it should be legal to have. The organisation of Arkiecon by the Fort Smith QRP group was (like the previous weekend) first rate, the welcome and hospitality at both events unforgettably warm. The flea markets and QRP talks are good, but it's the people that keep us coming back to these events. Thankyou to everyone, and with any luck, we will see some of you next year at Fort Tuthill when this time we plan to bring our wives.

72/3

Tony - G4WIF/K4WIF

Date: Tue, 17 Apr 2001 12:43:02 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "QRP-l Forum (E-mail)" <qrp-l@Lehigh.EDU>
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76E2B@hq-expo2.filenet.com>

Gang,

Jay Chamness, W6JAZ, one of the members of the Lake Perris QRP society and a master builder, is in the declining months of terminal brain cancer. He has been through an extensive and exhausting treatment and the doctors have, sadly, determined that it was not successful. We are doing what we can for Jay and his wife.

He was a superb builder and has a number of rigs around the shack that he wishes to sell to help simplify matters before he leaves us. I wanted to offer three of them to the members of this list (there will be more later). These are really well built and have a ton of mods in them. Rather than describe them to you, Ann Palmer, KG6EDP, has set up a website that shows

some photos of the rigs so you can see the workmanship:

<http://www.catalina-inter.net/justfur/JayRadio.htm>

The rigs shown are as follows:

SW-30+ meters + NorCal Mods	\$85 shipped
SW-40+ meters + NorCal Mods	\$85 shipped
Green Mountain CW-20 meters	\$100 shipped

Send me an e-mail with you name, call, and address if you are interested.
Thanks for looking and helping out.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Tue, 17 Apr 2001 13:01:00 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "QRP-l Forum (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [96550] FS: SWL QRP Rigs for a good cause..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76E31@hq-expo2.filenet.com>

Gang,

I'll try to get it right this time..

Jay Chamness, W6JAZ, one of the members of the Lake Perris QRP society and a master builder, is in the declining months of terminal brain cancer. He has been through an extensive and exhausting treatment and the doctors have, sadly, determined that it was not successful. We are doing what we can for Jay and his wife.

He was a superb builder and has a number of rigs around the shack that he wishes to sell to help simplify matters before he leaves us. I wanted to offer three of them to the members of this list (there will be more later). These are really well built and have a ton of mods in them. Rather than describe them to you, Ann Palmer, KG6EDP, has set up a website that shows some photos of the rigs so you can see the workmanship:

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-----------------------------	--------------

SW-40+ meters + NorCal Mods \$85 shipped
Green Mountain CW-20 meters \$100 shipped

Send me an e-mail with you name, call, and address if you are interested.
Thanks for looking and helping out.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Tue, 17 Apr 2001 13:12:03 -0700
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [96551] NorCal 20 for sale
Message-ID: <3ADCA393.D9EF74DE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I purchased this unit a few months ago and now have the qrp bug. I plan to get the k1 and need to sell this rig as it will be surplus. It works great and it has several extras.

This NorCal 20 has the ten turn pot: upgraded tick keyer, plus a added 1/4 jacks for audio and key (in parallel with the 1/8 jacks); on/off switch; an accessory power jack (parallel with original); so-239 in parallel with the BNC output. The ham that built this (KQ5U) paid \$100 for the kit, \$35 for the al case, \$10 for ten turn pot and \$15 for the Tick5 keyer = \$160. I paid \$110 and will sell it for \$100 shipped CONUS. It is a hot little radio. Please reply direct.

Thanks,
Bob

Date: Tue, 17 Apr 2001 16:36:02 -0400
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96552] RE: [TT2] coupla questions for ya
Message-ID: <LPBBJAGIPFHKPJENAKLOCECEGAA.n1bq@wulfden.org>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: Bruce Muscolino
> Sent: Monday, April 16, 2001 19:54 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: [TT2] coupla questions for ya

[snip]

> By judicious I mean careful choice of the untuned circuit elements in
> the oscillator and also the final low pass filter. I don't think
> doubling the oscillator would be a very good idea though.
> That usually works better with a tuned oscillator and the TT2
> uses an untuned oscillator.

well ... yes and no ... Remember several months back when Steve,
VE7SL worked a guy on 10m using about 60 mW output on 28.120 from his
14.060 TT2??? I do remember him saying something about needing to
redesign the output filter circuit! <grin>

72 de brian, n1bq

Date: Tue, 17 Apr 2001 16:28:11 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <AQRP@yahoogroups.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [96553] Belton TX Swapmeet and occasional QRP get together and BBQ
devouring session!
Message-ID: <007d01c0c785\$4e1af060\$4e100a0a@rohredt2000>

Hey guys, it kind of sneaked up on a different weekend, but SAT. April 21 is
the Belton ham swap meet.

This is a good one for builders, as most anything can be found of NOS parts
here, as well as sometimes full QRP rigs, or antenna bargains.

It is going to be at the usual Bell County EXPO center, just on the IH 35
west side, just South of Belton.

At noon, let's all meet more or less by the EAST front door of the barn, and
then go over to Schoepf's Old Fashioned pit BBQ on Central Ave. for no host
lunch and show and tell our goodies. Go north on IH 35 access road from the

Expo Center, and then turn west under 35 at Central Ave. The bbq place has a screened in outside pit, just a couple blocks equivalent down Central on the right. You go into the pit area to place your plate order, then inside for side fixins and paying. We usually gather in the back room, or front.

Hope to see folks there!

72,

Stuart K5KVH

Date: Tue, 17 Apr 2001 14:36:50 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [96554] Re: FS: SWL QRP Rigs for a good cause (Sold Out)
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76E37@hq-expo2.filenet.com>

The radios have been spoken for. We are going over to Jay's this weekend and I'll have more put up as soon as possible. We are sincerely grateful for the responses and offers.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Tue, 17 Apr 2001 18:12:51 EDT
From: DYARNES@aol.com
To: wphinizy@filenet.com, qrp-1@lehigh.edu
Subject: [96555] Re: Amazing Analyzer
Message-ID: <72.9b89731.280e19e3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/17/01 12:16:11 PM US Mountain Standard Time, wphinizy@filenet.com writes:

<< The Atlas Component Analyzer seems like the bomb! But where can it be obtained in the U.S.? It seems that the U.K. company wants 55 pounds for it yet one of its distributors wants around 88 pounds. What is the price in the U.S. >>

Not sure what you mean by "the bomb", but I assume you mean it to be

positive. I think it is a fascinating piece of gear. Anyway, I ordered mine directly from the company via their website (www.peakelec.co.uk). I exchanged a couple of emails with a very cordial gentleman who told me that the price, including airmail shipping was 57 pounds and change. That's \$3-\$4 more than in the U.K., so it seemed reasonable to me. I guess we have to pay the VAT anyway, which is included in the quoted U.K. price of 55 pounds so I assume it is also included in our price. By the way, the exchange rate is approximately \$1.43 to the pound sterling, so the cost to us is a little over \$80 by my calculation.

Dave W7AQK

Date: Tue, 17 Apr 2001 15:00:36 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [96556] SSB QRP
Message-ID: <95509081DF6CD411B2C700D0B7848012013D11C4@MOHAWK.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Folks,

Was monitoring a SSB QSO on 20m this morning and heard one party turn off the amp (AL-811). He still had a nice signal, and only went from S-7 to S-5 on the '706's digital meter. Thought it was worth a try, so threw out my call and he answered. Turned out he was in Oklahoma, about 30 miles south of Oklahoma city.

Asked how my signal was (5w to "infamous attic dipole", stretched east-west), and he said low but perfectly readable. Enjoyed a nice 5-10 min QSO with the folks at 5w. Then he swung his beam around from broadside to full on, and his signal really came up, he said mine did the same. Turned out he was also talking with another Phoenix station, but I couldn't pull that gentleman out of the noise on ground wave.

No it's not a White Mountain rig (hope Dave is getting set up ok in the new digs!), but it was what I had available. Just another example of some interesting QRP capability. Might want to give it a try.

Vic, if you're reading this one, any comments (direct reply ok) on the propagation?

72,
Mike, N4VBV in Phoenix

Date: Tue, 17 Apr 2001 15:26:08 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [96557] Adjusting the NoGaWatt Meter
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F4309980264@blaze.bcsc.gov.bc.ca>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On the NoGaWatt SWR/Power meter kit, shouldn't the adjustment pots be accessible from the outside of the enclosure? I would think that the power meter would have to be set at full scale in order to read SWR off the second meter each time you change antennas. This seems like it would be difficult with the trim pots inside. Am I missing something here or am I just not understanding how this meter works?

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Tue, 17 Apr 2001 23:35:50 +0100
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <dyarnes@aol.com>
Cc: <qrp-1@lehigh.edu>
Subject: [96558] Re: Amazing Analyzer
Message-ID: <E14pe8y-0005Xt-00.2001-04-17-23-40-21@cmailg6.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Tue, 17 Apr 2001 18:12:51 EDT, dyarnes@aol.com wrote:
>In a message dated 4/17/01 12:16:11 PM US Mountain Standard=
Time,
>wphinizy@filenet.com writes:
>
><< The Atlas Component Analyzer seems like the bomb! But where=
can
>it be
> obtained in the U.S.? It seems that the U.K. company wants 55
>pounds for it
> yet one of its distributors wants around 88 pounds. What is=
the

>price in the
> U.S. >>
>
>Not sure what you mean by "the bomb", but I assume you mean it=
to be
>positive. I think it is a fascinating piece of gear. Anyway,=
I
>ordered mine
>directly from the company via their website=
(www.peakelec.co.uk). I
>exchanged a couple of emails with a very cordial gentleman who=
told
>me that
>the price, including airmail shipping was 57 pounds and change.
>That's \$3-\$4
>more than in the U.K., so it seemed reasonable to me. I guess=
we
>have to pay
>the VAT anyway, which is included in the quoted U.K. price of=
55
>pounds so I
>assume it is also included in our price. By the way, the=
exchange
>rate is
>approximately \$1.43 to the pound sterling, so the cost to us is=
a
>little over
>\$80 by my calculation.
>
>Dave W7AQK

Currently VAT is at 17.5% in the UK. So an item that costs=
=A3100.00
has =A317.50 added to the price and that's what the customer pays,=
that
is =A3117.50 in total.

Personal Exports (taken in person from the UK) can get a refund=
of
the VAT (Value Added Tax) at the port of departure, provided they=
advise the retailer they want to do this and are issued with a=
VAT
receipt showing the full VAT paid.

On a =A357.00 purchase (or thereabouts) the VAT would amount to=
about
=A38.69 and the cost of the item would be around =A349.00. I would=

guess
you have been supplied as an export customer and the VAT has been=
"lost" for you, but then the carriage has been added on again.=
This
would be about right for a direct export order of this value.

Of course, what US customs charges are ? ? ? ?

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Tue, 17 Apr 2001 18:55:42 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'Doug.Davies@gems3.gov.bc.ca'" <Doug.Davies@gems3.gov.bc.ca>, Low Power
Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [96559] RE: Adjusting the NoGaWatt Meter
Message-ID: <078F21595FA7D411B87B00805FA728E64A46BB@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Doug,

The reason for having "tow" meters is one watches forward power and the
other shows reflected power. Therefore, you adjust for minimum reflected
power and you are in the green... The calibration only needs to be done
once to set the actual power readings on the meters. It is a set and forget.

Jerry L.
W3CDE
NOGA

-----Original Message-----

From: Davies, Doug A FOR:EX [mailto:Doug.Davies@gems3.gov.bc.ca]
Sent: Tuesday, April 17, 2001 6:26 PM
To: Low Power Amateur Radio Discussion
Subject: Adjusting the NoGaWatt Meter

On the NoGaWatt SWR/Power meter kit, shouldn't the adjustment pots be accessible from the outside of the enclosure? I would think that the power meter would have to be set at full scale in order to read SWR off the second meter each time you change antennas. This seems like it would be difficult with the trim pots inside. Am I missing something here or am I just not understanding how this meter works?

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

End of QRP-L Digest 2162
